

SCHEDULE OF RATES(PRICED PART) FOR MISCELLANEOUS ELECTRICAL WORKS FOR BCPL LEPETKATA.

SECTION VI

SL.NO.	SOR ITEM NO.	SOR ITEM DESCRIPTION	UOM	Quantity	RATE (INR)	RATE (INR) in WORDS	Amount (INR)
1	E104.01.00	Installation, testing and commissioning of miscellaneous surface mounted industrial/FLP control gear such as lighting/power panel, push button stations, motor starter, communication equipment, junction boxes, panels, plugs, sockets, including supply of necessary hardware, touch up painting including supply of paint, including installation, unpacking, (excluding fixing of cable glands and cable terminations), including all labour and materials, as per approved drawings, specifications of this tender and directions of Engineer-in-Charge.					
2	E104.01.01	Weight of the unit up to 5 kg.	NOS	1			
3	E104.01.02	Weight of the unit above 5 kg but upto 20 Kg.	NOS	1			
4	E104.01.03	Weight of the unit above 20 kg but upto 100 Kg.	NOS	1			
5	E111.01.00	Testing and Commissioning of MV Motors of following ratings and checking of all interface connections, change of grease, wherever required, including supply of approved type of grease, no load/full load running of motors, including all including all labour and materials, specifications of this tender and direction of Engineer-in-charge.					
6	E111.01.01	Upto 5.5 KW	NOS	80			
7	E111.01.02	Above 5.5 KW but upto 11KW	NOS	15			
8	E111.01.03	Above 11 KW but upto 22 KW	NOS	10			
9	E111.01.04	Above 22 KW but upto 45KW	NOS	7			
10	E111.01.05	Above 45 KW but upto 75 KW	NOS	3			
11	E111.01.06	Above 75 KW but upto 125 KW	NOS	3			
12	E111.01.07	Above 125 KW but upto 160 KW	NOS	5			
13	E111.01.08	Above 160 KW but upto 250 KW	NOS	2			
14	E111.02.00	Testing and Commissioning of HV Motors of following ratings and checking of all interface connections, change of grease in bearings, wherever required, including supply of approved type of grease, no load/full load running of motors, including all including all labour and materials, as per specifications of this tender and direction of Engineer-in-charge.					
15	E111.02.01	Above 132 KW but upto 400 KW	NOS	5			
16	E111.02.02	Above 400 KW but upto 800 KW	NOS	2			
17	E111.02.03	Above 800 KW but upto 1200KW	NOS	1			
18	E111.02.04	Above 1200 KW but upto 2000 KW	NOS	1			
19	E111.02.05	Above 2000 KW but upto 3000 KW	NOS	1			
20	E111.02.06	Above 3000 KW but upto 4000 KW	NOS	1			
21	E111.02.10	Above 7000 KW but upto 8000 KW	NOS	1			
22	E114.03.00	SUPPLY OF SPARES/ LAMPS					
23	E114.03.00	Supply & Fixing of HRC Fuse, MCB, ELCB, LAMP etc. of following ratings in the panels, switchboards, marshalling Boxes including termination of incoming/ outgoing cables/ wires all labour and materials complete as per approved drawings, specifications of this tender and directions of Engineers- in- Charge.					
24	E114.03.11	HRC Fuse - 6 Amps.	NOS	140			
25	E114.03.12	63A, 4 pole MCB	NOS	7			
26	E114.03.13	63A, 4 pole 30mA ELCB	SET	7			
27	E114.03.14	Single pole outgoing MCBs (upto 20A)	NOS	52			

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28	E114.03.15	150W SON Tubular lamp	Nos.	30			
29	E114.03.16	40 W fluorescent lamps	Nos.	10			
30	E114.03.17	250W HPSV lamp	Nos.	5			
31	E114.03.02	60/100 W,250 V G.L.S lamps	Nos.	5			
32	E114.03.03	200 W,250 V G.L.S lamps	Nos.	5			
33	E114.03.08	125 W,250V HPMV Lamp	Nos.	5			
34	E114.03.09	250W,250V HPMV Lamp	Nos.	5			
35	E114.03.10	400 W,250V HPMV Lamp	Nos.	5			
36	E204.00.00	LAYING OF CABLES Laying of cables of different voltage grade and types of the following overall diameters in ready tray/trenches/supported on structure/pull through pipes including supply and fixing of aluminium/lead strips number tags,supply and applying of fireproofing paint to meet OJSD requirement(for 1 m length near terminations),supply and fixing of GI saddles and saddle bars etc.,including transportation from store/yard to site at the place of installation,unpacking,including all labours and materials,as per approved drawings,specification of this tender and direction of Engineer-In-Charge.					
37	E204.02.00						
38	E204.02.01	Cables with OD upto 20mm	M	46800			
39	E204.02.02	Cables with OD above 20 mm but upto 30mm	M	16600			
40	E204.02.03	Cables with OD above 30 mm but upto 40mm	M	6000			
41	E204.02.04	Cables with OD above 40 mm but upto 50mm	M	2000			
42	E204.02.05	Cables with OD above 50 mm but upto 60mm	M	2000			
43	E204.02.06	Cables with OD above 60 mm but upto 80mm	M	2000			
44	E205.00.00	END TERMINATIONS Termination of PVC insulated power cables (upto 1100 V grade) and connection of leads excluding the supply of cable glands and lugs but including fixing of cable glands,supply and fixing of PVC shrouds for outdoor terminations,cutting and stripping of cable insulation,crimping the lug on to the conductor,clamping of the cable-cores,marking with wire number,ferrules etc.,including all labours and materials,as per approved drawings,specification of this tender and direction of Engineer-In-Charge.					
45	E205.10.00						
46	E205.10.01	Cables with OD upto 20mm	NOS	144			
47	E205.10.02	Cables with OD above 20 mm but upto 30mm	NOS	401			
48	E205.10.03	Cables with OD above 30 mm but upto 40mm	NOS	18			
49	E205.10.04	Cables with OD above 40 mm but upto 50mm	NOS	8			
50	E205.10.05	Cables with OD above 50 mm but upto 60mm	NOS	22			
51	E205.10.06	Cables with OD above 60 mm but upto 80mm	NOS	60			
52	E205.11.00	Termination of control/fire alarm cables and connection of leads excluding the supply of cable glands and lugs but including fixing of cable glands,supply and fixing of PVC shrouds for outdoor terminations,cutting and stripping of cable insulation,crimping the lug on to the conductor,clamping of the cable-cores,marking with wire number,ferrules etc.,including all labours and materials,as per approved drawings,specification of this tender and direction of Engineer-In-Charge.					
53	E205.11.01	All sizes from 2 to 7 cores and upto 2.5sq.mm	NOS	382			
54	E205.11.02	All sizes from 8 to 19 cores and upto 2.5sq.mm	NOS	157			
55	E205.11.03	All sizes from 20 to 52 cores and upto 2.5sq.mm	NOS	31			
56	E207.00.00	GI PIPES					

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57	E207.01.00	Supply and laying of following sizes of GI pipes (medium) in required length fixed on steel, concrete or similar structure, laid in trenches, ready to be buried in concrete including cutting, threading, bending and similar works, supply of clamps, small iron structures, spacers and installation of seats, plugs, bushings etc. small civil works, including all labour and materials, as per approved drawings,specification of this tender and direction of Engineer-In-Charge.					
58	E207.01.01	40 mm NB	M	50			
59	E207.01.02	50 mm NB	M	50			
60	E207.01.03	65 mm NB	M	50			
61	E207.01.05	100 mm NB	M	62			
62	E207.01.07	150 mm NB	M	12			
63	E208.00.00	STRUCTURAL STEEL.					
64	E208.08.00	Supply, fabrication and installation of MS base frames, supports for switchgear and brackets for miscellaneous electrical equipments,cable and cable tray supports out of roled MS sections, pipes,plates etc., including shot blasting,welding, bolting,riveting,supply of necessary anchor bolts and grouting etc.,supply of paints and applying one coat of anti rust primer and two finished coats of approved synthetic enamel paint(as per table 10 of specification6-44-0004 suitable for highly corrosive environment) including breaking walls, floors etc. for structures as required including supply of all GI hardware materials,all labours and materials complete as per approved drawings,specification of this tender and direction of Engineer-In-Charge.(any item weighing upto 1 kg or less shall neither be measured nor paid)	KG	2000			
65	E210.00.00	CABLE GLANDS					
66	E210.01.00	Supply of nickel-plated,flameproof IIA/IIIB double compression type brass cable glands,suitable for outdoor terminations of armoured PVC cables of following overall diameter (excluding termination and connection of cables),including all labour and materials,as per approved drawings,specifications of this tender and directions of Engineer-in-charge.					
67	E210.01.01	Cables with OD upto 20mm	NOS	2			
68	E210.01.02	Cables with OD above 20 mm but upto 30mm	NOS	2			
69	E210.01.03	Cables with OD above 30 mm but upto 40mm	NOS	2			
70	E210.01.04	Cables with OD above 40 mm but upto 50mm	NOS	2			
71	E210.01.05	Cables with OD above 50 mm but upto 60mm	NOS	2			
72	E210.01.06	Cables with OD above 60 mm but upto 80mm	NOS	2			
73	E210.01.07	Cables with OD above 80 mm but upto 100mm	NOS	2			
74	E210.02.00	Supply of nickel-plated,flameproof IIC double compression type brass cable glands,suitable for outdoor terminations of armoured PVC cables of following overall diameter (excluding termination and connection of cables),including all labour and materials,as per approved drawings,specifications of this tender and directions of Engineer-in-charge.					
75	E210.02.01	Cables with OD upto 20mm	NOS	2			
76	E210.02.02	Cables with OD above 20 mm but upto 30mm	NOS	2			
77	E210.02.03	Cables with OD above 30 mm but upto 40mm	NOS	2			
78	E210.02.04	Cables with OD above 40 mm but upto 50mm	NOS	2			
79	E210.02.05	Cables with OD above 50 mm but upto 60mm	NOS	2			
80	E210.02.06	Cables with OD above 60 mm but upto 80mm	NOS	2			

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81	E210.03.00	Supply of nickel-plated brass double compression cable glands suitable for outdoor installations(WP) of following overall diameter (excluding termination and connection of cables),including drilling of suitable holes in equipments for fixing purposes etc.,including all labour and materials,as per approved drawings,specifications of this tender and directions of Engineer-in-charge.					
82	E210.03.01	Cables with OD upto 20mm	NOS	2			
83	E210.03.02	Cables with OD above 20 mm but upto 30mm	NOS	2			
84	E210.03.03	Cables with OD above 30 mm but upto 40mm	NOS	2			
85	E210.03.04	Cables with OD above 40 mm but upto 50mm	NOS	2			
86	E210.03.05	Cables with OD above 50 mm but upto 60mm	NOS	2			
87	E210.03.06	Cables with OD above 60 mm but upto 80mm	NOS	2			
88	E210.03.07	Cables with OD above 80 mm but upto 100mm	NOS	2			
89	E210.04.00	Supply of nickel-plated brass single compression cable glands of following overall diameter (excluding termination and connection of cables),including drilling of suitable holes in equipments for fixing purposes etc., including all labour and materials,as per approved drawings,specifications of this tender and directions of Engineer-in-charge.					
90	E210.04.01	Cables with OD upto 20mm	NOS	2			
91	E210.04.02	Cables with OD above 20 mm but upto 30mm	NOS	2			
92	E210.04.03	Cables with OD above 30 mm but upto 40mm	NOS	2			
93	E210.04.04	Cables with OD above 40 mm but upto 50mm	NOS	2			
94	E210.04.05	Cables with OD above 50 mm but upto 60mm	NOS	2			
95	E210.04.06	Cables with OD above 60 mm but upto 80mm	NOS	2			
96	E210.04.07	Cables with OD above 80 mm but upto 100mm	NOS	2			
97	E210.05.00	Supply and fixing of FLP(IIA/IIIB) blocking plugs for blocking unused cable entries with following diameter in outdoor electrical equipments including all labour and materials,as per approved drawings,specifications of this tender and directions of Engineer-in-charge.					
98	E210.05.01	Cables with OD upto 20mm	NOS	2			
99	E210.05.02	Cables with OD above 20 mm but upto 30mm	NOS	2			
100	E210.05.03	Cables with OD above 30 mm but upto 40mm	NOS	2			
101	E210.05.04	Cables with OD above 40 mm but upto 50mm	NOS	2			
102	E210.05.05	Cables with OD above 50 mm but upto 60mm	NOS	2			
103	E210.05.06	Cables with OD above 60 mm but upto 80mm	NOS	2			
104	E210.06.00	Supply and fixing of FLP(IIC) blocking plugs for blocking unused cable entries with following diameter in outdoor electrical equipments including all labour and materials,as per approved drawings,specifications of this tender and directions of Engineer-in-charge.					
105	E210.06.01	Cables with OD upto 20mm	NOS	2			
106	E210.06.02	Cables with OD above 20 mm but upto 30mm	NOS	2			
107	E210.06.03	Cables with OD above 30 mm but upto 40mm	NOS	2			
108	E210.06.04	Cables with OD above 40 mm but upto 50mm	NOS	2			
109	E210.06.05	Cables with OD above 50 mm but upto 60mm	NOS	2			
110	E210.06.06	Cables with OD above 60 mm but upto 80mm	NOS	2			
111	E211.00.00	MARKERS					
112	E211.01.00	Supply and installation of cable markers as per std. 7-51-0301, for underground cable runs with 14 SWG enamelled steel plate with white lettering on jade green ackground inclusive of providing and fixing supports, including all labour and materials, as per approved drawings, specifications of this tender and directions of Engineers- in- Charge.	NOS	140			

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113	E212.00.00	CABLE LUGS					
114	E212.01.00	Supply of crimping type tinned copper lugs for following conductor sizes,asper approved drawings,specifications of this tender and directions of Engineer-in-charge.					
115	E212.01.01	All sizes upto 10 sq.mm	NOS	50			
116	E212.01.02	All sizes from 16 to 35 sq.mm	NOS	1250			
117	E212.01.03	All sizes from 50 to 185 sq.mm	NOS	50			
118	E212.01.04	All sizes from 240 to 400 sq.mm	NOS	25			
119	E216.00.00	ADAPTORS/REDUCERS/NIPPLES ETC.					
120	E216.01.00	Supply and fixing of nickel-plated brass adaptors/reducers for cable glands of following sizes including all labour and materials complete as per approved drawings,specifications of this tender and directions of Engineer-in-charge. Adaptors shall have male part threaded as per eqpt.threads and the other end to receive glands having E.T thread.					
121	E216.01.01	Eqpt.thread 3/4" PF(J.I.S)-E.T. thread 3/4" ET	NOS	2			
122	E216.01.02	Eqpt.thread 1" PF(J.I.S)-E.T. thread 3/4" ET	NOS	2			
123	E216.01.03	Eqpt.thread 1" PF(J.I.S)-E.T. thread 1" ET	NOS	2			
124	E216.01.04	Eqpt.thread 1-1/2" PF(J.I.S)-E.T. thread 1-1/4" ET	NOS	2			
125	E216.01.05	Eqpt.thread 1-1/2" PF(J.I.S)-E.T. thread 1-1/2" ET	NOS	2			
126	E216.01.06	Eqpt.thread 2" PF(J.I.S)-E.T. thread 1-1/4" ET	NOS	2			
127	E216.03.00	Supply and fixing of FLP(IIA/IIIB),weatherproof,nickel-plated brass adaptors/reducers for cable glands of following sizes including all labour and materials complete as per approved drawings,specifications of this tender and directions of Engineer-in-charge. Adaptors shall have male part threaded as per eqpt.threads and the other end to receive glands having E.T thread.					
128	E216.03.01	Eqpt.thread 3/4" PF(J.I.S)-E.T. thread 3/4" ET	NOS	2			
129	E216.03.02	Eqpt.thread 1" PF(J.I.S)-E.T. thread 3/4" ET	NOS	2			
130	E216.03.03	Eqpt.thread 1" PF(J.I.S)-E.T. thread 1" ET	NOS	2			
131	E216.03.04	Eqpt.thread 1-1/2" PF(J.I.S)-E.T. thread 1-1/4" ET	NOS	2			
132	E216.03.05	Eqpt.thread 1-1/2" PF(J.I.S)-E.T. thread 1-1/2" ET	NOS	2			
133	E216.03.06	Eqpt.thread 2" PF(J.I.S)-E.T. thread 1-1/4" ET	NOS	2			
134	E216.05.00	Supply and fixing of FLP(IIIC), weatherproof,nickel-plated brass adaptors/reducers for cable glands of following sizes including all labour and materials complete as per approved drawings,specifications of this tender and directions of Engineer-in-charge. Adaptors shall have male part threaded as per eqpt.threads and the other end to receive glands having E.T thread.					
135	E216.05.01	Eqpt.thread 3/4" PF(J.I.S)-E.T. thread 3/4" ET	NOS	2			
136	E216.05.02	Eqpt.thread 1" PF(J.I.S)-E.T. thread 3/4" ET	NOS	2			
137	E216.05.03	Eqpt.thread 1" PF(J.I.S)-E.T. thread 1" ET	NOS	2			
138	E216.05.04	Eqpt.thread 1-1/2" PF(J.I.S)-E.T. thread 1-1/4" ET	NOS	2			
139	E216.05.05	Eqpt.thread 1-1/2" PF(J.I.S)-E.T. thread 1-1/2" ET	NOS	2			
140	E216.05.06	Eqpt.thread 2" PF(J.I.S)-E.T. thread 1-1/4" ET	NOS	2			
141	E302.00.00	LIGHTING POLES					

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142	E302.01.00	Supply and installation of street lighting poles (single bracket/ double bracket) including supply and installation of marshalling box as per std. 7-51-0208 and necessary wiring/cable laying supply of wires/cables running from marshalling box to the lighting fixture, cable termination and connection, fixing of cable glands and lugs, including all civil works, excavation, foundation, disposal of surplus earth, providing shoring, strutting and dewatering, if required and including supply of cement, steel, G.I. pipes, base plates, paint and all sundry materials as required, including painting, including all labour and materials, as per approved drawings, specifications of this tender and directions of Engineers- in- Charge.					
143	E302.01.03	Poles as per std. 7-51-0207 sht. 2 of 2 (single bracket)	NOS	2			
144	E302.03.00	Supply and installation of platform lighting poles as per std 7-51-0202, including all welding, structural works, paint and all sundry materials as required, including painting(excluding supply of control gear box/junction box), but including all labour and materials, as per approved drawings, specifications of this tender and direction of Engineer-in-charge.					
145	E302.03.02	Lighting poles for hazardous areas	Nos.	15			
146	E303.01.00	Installation, connection, testing and commissioning of following types of flame proof/div 2 lighting fixtures and accessories, including cable termination and connection, fixing of cable glands, lugs, including supply of necessary hardware, including transportation from store /yard to site at the place of installation, unpacking, including all labour and materials, as per approved drawings, specifications of this tender and directions of Engineer-in-charge					
147	E303.01.01	well glass type of pole mounting type for ground level		1			
148	E303.01.02	well glass type of pole mounting type for platform		1			
149	E303.01.03	well glass type bracket mounted		1			
150	E303.01.04	well glass type ceiling mounted		1			
151	E303.01.06	flood light fixtures		1			
152	E303.01.08	4 way junction box		1			
153	E303.01.09	control gear box for hazardous area lighting fixtures		1			
154	E303.01.10	F.L.P double obstruction aviation fixture		1			
155	E304.00.00	Safe Area Lighting Fixture Supply, installation, testing and commissioning of following lighting fixtures and connecting to wiring junction box/ marshalling box complete with lamps and necessary control gear including supply of all connected materials like flexible conduit, clamps, supports, chains, anchor fasteners, bolts, nuts and washers etc. as required, including supply and fixing of cable glands, lugs, including all labour and materials, as per approved drawings, data sheet for lighting fixture schedule, EIL installation standards, specifications of this tender and directions of Engineers- in- Charge.					
156	E304.01.00						
157	E304.01.01	Type IND 1 Fixtures.	NOS	90			
158	E304.01.68	Type FD 6 Fixtures.	NOS	19			
159	E305.00.00	Supply following lighting fixtures including supply of junction box/marshalling box complete with lamps and necessary control gear, including all labour and materials, as per approved drawings, data sheet for lighting fixture schedule, EIL installation standards, specifications of this tender and directions of Engineer-in-Charge.					
160	E305.01.00	Type ST 1 Fixtures.	NOS	56			

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161	E305.01.01	Type ST 10 Fixtures.	NOS	75			
162	E306.00.00	Installation, testing and commissioning of following lighting fixtures and connecting to wiring junction box/marshalling box complete with lamps and necessary control gear including supply of all connected materials like flexible conduit, clamps, supports, chains, anchor fasteners, bolts, nuts and washers etc. as required, including supply and fixing of cable glands, lugs, including all labour and materials, as per approved drawings, data sheet for lighting fixture schedule, EIL installation standards, specifications of this tender and directions of Engineer-in-Charge.					
163	E306.01.00	Type ST 1 Fixtures.	NOS	56			
164	E306.01.01	Type ST 10 Fixtures.	NOS	75			
165	E307.00.00	SOCKET/RECEPTACLES AND SWITCHES/MCB UNITS					
166	E307.01.00	Supply, installation, connection, testing and commissioning of following rating of 240 V, single phase socketlighting fixtures and connecting to wiring junction box/ marshalling box complete with lamps and necessary control gear including supply of all connected materials like flexible conduit, clamps, supports, chains, anchor fasteners, bolts, nuts and washers etc. as required, including supply and fixing of cable glands, lugs, including all labour and materials, as per approved drawings, data sheet for lighting fixture schedule, EIL installation standards, specifications of this tender and directions of Engineers- in- Charge.					
167	E307.01.02	5 A, 5 pin flush / surface mounting sockets/receptacles.	NOS	15			
168	E307.01.03	15/5 A, 6 pin flush / surface mounting sockets/receptacles.	NOS	15			
169	E307.01.00	Supply, installation, connection, testing and commissioning of following rating of 240 V, single phase socketlighting fixtures and connecting to wiring junction box/ marshalling box complete with lamps and necessary control gear including supply of all connected materials like flexible conduit, clamps, supports, chains, anchor fasteners, bolts, nuts and washers etc. as required, including supply and fixing of cable glands, lugs, including all labour and materials, as per approved drawings, data sheet for lighting fixture schedule, EIL installation standards, specifications of this tender and directions of Engineers- in- Charge.					
170	E307.02.02	5 A, piano type flush/surface mounted switches.	NOS	60			
171	E307.02.04	15 A, piano type flush/surface mounted switches.	NOS	15			
172	E309.00.00	LIGHTING/POWER PANELS AND DISTRIBUTION BOARDS					
173	E309.02.00	S/I of safe area lighting/power panels					
174	E309.02.01	Supply, Installation, connection, testing and commissioning of safe area lighting/power panels, surface/flush mounting type, wall mounting type in dust tight (with hinged cover) sheet steel enclosure having 4 pole incomer and single pole MCB (9 kA type) for outgoing circuit control with complete wiring, including cable termination, connection and fixing of cable glands, including all labour and materials, as per approved drawings, specifications of this tender and directions of Engineer-in-Charge.	NOS	8			
175	E310.00.00	i) 63 A, 4 pole I/C MCB, ELCB and 6 Nos. O/G SP MCB WIRING					
176	E310.02.00	Circuit wiring in hazardous areas using(sizes given below)copper conductor,PVC insulated armoured cables(thrid core for earthing) from lighting/power panel/distribution junction box onwards,excluding the supply of cables,junction boxes and cable glands but including fixing of cable glands,supply and fixing of clamps,cable termination and connections,including all labour and materials,as per approved drawings,specifications of this tender and directions of engineer-inc-charge.					

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177		3Cx2.5 sq.mm	M	10000			
178	E402.00.00	EARTH ELECTRODES Supply, installation, testing and commissioning of GI earth electrodes, complete with earth pit as per std. 7-51-0102 and all necessary materials including excavation of earth pit, filling with salt and charcoal, back filling, providing necessary brick work, connections, including all labour and materials, as per approved drawings, specifications of this tender and directions of engineer-in-charge.					
179	E402.01.00						
180	E402.01.01	GI earth electrode as per std. 7-51-0102.	NOS	4			
181	E403.00.00	EARTH STRIPS Supply, installation and connection of following GI earth strip along the cable trenches or cable trays or fixing of walls or structures including welding at joints, providing anti-corrosive paint or bitumen and jute covering for welded portion, clamping and necessary hardware for connecting etc., including all labour and materials, as per approved drawings, specifications of this tender and directions of Engineers- in- Charge.					
182	E403.01.00						
183	E403.01.01	75 x 10 mm	M	100			
184	E403.01.02	50 x 6 mm	M	100			
185	E403.01.04	20 x 3 mm	M	100			
186	E403.02.00	Supply, installation and connection of following GI earth strip buried individually at a depth of 500 mm including all joints, providing anti-corrosive paint or bitumen and jute covering for welded portion, clamping and necessary hardware for connecting etc., including all labour and materials, as per approved drawings, specifications of this tender and directions of Engineers- in- Charge.					
187	E403.02.01	75 x 10 mm	M	100			
188	E403.02.02	50 x 6 mm	M	6000			
189	E403.02.04	20 x 3 mm	M	500			
190	E404.00.00	EARTHING CONNECTION Connecting individual equipment to the earth strip or earth plate with following sizes of G.I. wire rope including the supply of G.I. wire/ G.I. wire rope, lugs, conductors, connecting to the G.I. strip of earth plate and necessary hardware for connection, including all labour and materials, as per approved drawings, specifications of this tender and directions of Engineers- in- Charge.					
191	E404.01.00						
192	E404.01.01	3/8" dia (10 mm) flexible rope.	M	600			
193	E404.01.02	5/8" dia (16 mm) flexible rope.	M	10			
194	E404.01.03	8 SWG GI wire	M	200			
195	E405.00.00	EARTH PLATES Supply, installation and connection of earth plates as per std. 7-51-103, complete with anchor bolts, including all labour and materials, as per approved drawings, specifications of this tender and directions of Engineers- in- Charge.					
196	E405.01.00						
197	E405.01.01	GI earth plate as per std. 7-51-0103.	NOS	15			
198	E502.00.00	TELEPHONE DISTRIBUTION J.BOX (TDJB)					

SCHEDULE OF RATES(PRICED PART) FOR MISCELLANEOUS ELECTRICAL WORKS FOR BCPL,LEPETKATA.

SL.NO.	SOR ITEM NO.	SOR ITEM DESCRIPTION	UOM	Quantity	RATE (INR)	RATE (INR) in WORDS	Amount (INR)
199	E502.01.00	Supply, installation testing and commissioning of indoor Telephone Distribution J.B. made out of 2.03 mm (14 gauge) sheet steel, with one anti-rust coat of primer, with two finished coats of approved epoxy paint, with Krone type terminals with hinged lockable door, detachable gland plate at the bottom/ top complete with termination and connections of incoming/ outgoing cables, including all labour and materials, as per approved drawings, specifications of this tender and directions of Engineers- in- Charge.					
200	E502.01.04	TDJB Surface mounting type for 5 pair incoming cable.	NOS	15			
201	E502.03.00	Wiring with (No. of wires given below) 660V grade, 0.63 mm dia, annealed tinned copper conductor, PVC insulated twin flat wirw as per relevant IS in already laid surface/ concealed conduit from TDJB onwards to telephone sockets including supply of wires , termination and connection, including all labour and materials, as per approved drawings, specifications of this tender and directions of Engineers- in- Charge.					
202	E502.03.01	1 No. twin flat wire.	M	225			
203	E601.00.00	CIVIL WORKS					
204	E601.01.00	Excavation and backfilling of trenches for cables and earth strip etc. in all types of soil except rock, for a maximum depth of 1.5M, shoring, shuttering and dewatering(if necessary) including consolidation and disposal of surplus earth up to a distance of 30M, including all labour and materials, as per approved drawings, specifications of this tender and direction of Engineer-in-charge (Excavated trench dimentions shall be measured).					
205	E601.01.01	Excavation and backfilling of trenches.	CUM	875			
206	E601.03.00	Supply and spreading of approved fine river sand/stone dust in cable trenches, including all labour and materials, specifications of this tender and direction of Engineer-in-charge.					
207	E601.03.01	Fine river sand.	CUM	370			
208	E601.04.00	Supply and spreading of approved second class bricks of 75 mm thickness in cable trenches for cable protection including all labour and materials, as per approved drawings, specifications of this tender and directions of Engineers- in- Charge. (Actual area of laid brick surfaces shall be measured).					
209	E601.04.01	Bricks. Providing and laying plain cement concrete for all depths below and up to a plinth level in foundations including tamping, ramming, vibrating, curing, shuttering etc. all as specified in any shape, position, thickness and finishing the top surface rough or smooth as specified and directed, including supply of all materials and all complete for concrete of M-15 grade with 20 mm and down size graded crushed stone aggregates, including all labour and materials, as per approved drawings,specifications of this tender and directions of Engineer-in-Charge.	SQM	425			
211	E601.05.01	Plain cement concrete- M15	CUM	65			
212		Miscellaneous					
213	E999.99.99V01	Supply, installation, connection, testing and commissioning of following plug-in type sockets for Telephone extensions including supply of sheet boxes with covers connection of socket and plug, including all labour and materials, as per approved drawings, specifications of this tender and directions of Engineers- in- Charge.					
214	E999.99.99V03	Flush mounting type RJ41/RJ11 for telephone/ LAN connection. 2 Pin Socket for Telephone.	NOS	15			

SCHEDULE OF RATES(PRICED PART) FOR MISCELLANEOUS ELECTRICAL WORKS FOR BCPL,LEPETKATA.

SECTION VI

SL.NO.	SOR ITEM NO.	SOR ITEM DESCRIPTION	UOM	Quantity	RATE (INR)	RATE (INR) in WORDS	Amount (INR)
215	E999.99.99V04	Supply and installation of clamps TYPE-A for bracket mounting of lighting fixture as per EIL specification number 7-51-0221,including all labours and materials,as per approved drawings,specification of this tender and directions of engineer-in-charge.	NOS	15			
216	E999.99.99V05	Supply and installation of clamps TYPE-B for bracket mounting of lighting fixture as per EIL specification number 7-51-0221,including all labours and materials,as per approved drawings,specification of this tender and directions of engineer-in-charge.	NOS	15			
217	E801.00.00	Supply and installation marshallng box as per std. 7-51-0208 and necessary wiring/cable laying including supply of wires/cables running from marshallng box to the lighting fixture, cable termination and connection, fixing of cable glands and lugs, supply and fixing of clamps and all sundry materials asrequired, including painting, including all labour and materials, as per approved drawings, specifications of this tender and directions of Engineers- in- Charge.					
218	E801.01.00	Marshallng box as per std. 7-51-0208	NOS	75			
219	E802.00.00	HIGH MAST LIGHTING SYSTEM - 30 M Long					
220	E802.01.00	Loading & unloading of High Mast including all accessories at site, handling, transportation to work site, assembly at site, installation, testing, pre-commissioning, commissioning, performance guarantee run, handing over to the Client and other field works, Erection of Control Panel/ feeder pillar on foundation, including supply & fixing of all accessories, hardware etc. as required including all labour, materials, & control cables, cables for circuit wiring) as required for High Mast, including supply, installation, testing and commissioning of GI earth electrodes, complete with earth pit as per std. 7-51-0102, Supply, installation and connection of 50 x 6 mm hot dip GI earthing strip buried individually at a depth of 500 mm including welding at joints, providing anti-corrosive paint or bitumen and jute covering for welded portion, clamping and necessary hardware for connecting the earthing strips/ wire with earth pit, High Mast, Control Panel/ Feeder pillar, motor, etc., excavation and back-filling etc. including fixing & connection of lighting fixtures & control gears including supply and fixing of GI U-clamps/GI fixing arrangement as required for the same, terminations of cables including providing WP double-compression nickel plated brass cable glands, tinned copper lugs of suitable sizes, including fixing of all mounting accessories for High Mast, including fixing of Lightning Rods, providing & fixing of all hardware as required, making foundation of Control panel/ feeder pillar including excavation, supply of bricks, cement, concrete, aggregate, making & execution of brick work and PCC work as required, including all labour, materials, as per the approved drawings, EIL- Standard specifications, instruction to vendors, job specification, data sheet and directions of Engineers- in- Charge etc.	Nos	10			

SCHEDULE OF RATES(PRICED PART) FOR MISCELLANEOUS ELECTRICAL WORKS FOR BCP, LEPEKATA.

SECTION VI

SL.NO.	SOR ITEM NO.	SOR ITEM DESCRIPTION	UOM	Quantity	RATE (INR)	RATE (INR) in WORDS	Amount (INR)
221	E802.01.01	Testing, pre-commissioning, commissioning, performance guarantee run of already installed High Mast including handing over to the Client including other field works, including supply of commissioning spares, supply & laying of cables (Power & control cables, cables for circuit wiring) as required for High Mast, including supply, installation, testing and commissioning of GI earth electrodes, complete with earth pit as per std. 7-51-0102, Supply, installation and connection of 50 x 6 mm hot dip GI earthing strip buried individually at a depth of 500 mm including welding at joints, providing anti-corrosive paint or bitumen and jute covering for welded portion, clamping and necessary hardware for connecting the earthing strips with earth pit, High Mast, Control Panel/ Feeder pillar, excavation and back-filling etc. including fixing & connection of lighting fixtures & control gears including supply and fixing of GI U-clamps/GI fixing arrangement as required for the same, terminations of cables including providing WP double-compression nickel plated brass cable glands, tinned copper lugs of suitable sizes, including fixing of all mounting accessories for High Mast, including fixing of Lightning Rods, providing & fixing of all hardware as required, including all labour, materials, as per the approved drawings, EIL Standard specifications, instruction to vendors, job specification, data sheet and directions of Engineers- in- Charge etc.	Nos	5			
222	E802.01.02	Making foundation of Control panel/ feeder pillar including excavation, supply of bricks, cement, concrete, aggregate, making & execution of brick and PCC work as required, including all labour, materials, as per the approved drawings, EIL Standard specifications, instruction to vendors, job specification, data sheet and directions of Engineers- in- Charge etc.	Nos	5			
223	E802.01.03	Erection, testing & commissioning of Control Panel/ feeder pillar on the already made foundation including supply & fixing of all accessories, hardware etc. as required including all labour, materials, as per the approved drawings, EIL Standard specifications, instruction to vendors, job specification, data sheet and directions of Engineers- in- Charge etc.	Nos	7			
224	E802.01.04	Erection, testing & commissioning of Motor - 415 V, 1.5HP, 1.1KW inside the erected High Mast including fixing of all accessories including termination of laid cables fixing of glands, lugs including supply & fixing of all necessary hardware as required including all labour, materials, as per the approved drawings, EIL Standard specifications, instruction to vendors, job specification, data sheet and directions of Engineers- in- Charge etc.	Nos	2			
225	E803.00.00	Supply of High Mast Accessories					
226	E803.01.00	Supply, installation, connection, testing and commissioning of following accessories required for High Mast Lighting system including supply & fixing of hardware, including all labour and materials, as per drawings, vendor drawings no-CO-HM-012 specifications of this tender and directions of Engineers- in- Charge.					
227	E803.01.01	SS Wire Winch Rope -6mm dia- 32 M long, including fixing accessories/hardwares	Set	12			
228	E803.01.02	Lamp -400W-HPV	Nos.	125			
229	E803.01.03	Balast -400 W - HDBN (Ballast)	Nos.	148			
230	E803.01.04	Flood light Glass (FHD)1524)	Nos.	2			
231	E803.01.05	Igniter for Lamp-400W-HPV	Nos.	290			
232	E803.01.06	Capacitor for Lamp-400W HPV	Nos.	290			
233	E803.01.07	safe area winch Motor - 415 V, 1.5HP, 1.1KW including glands & lugs suitable for outdoor installation	Nos.	3			
234	E803.01.08	MCB - SP- 32A	Nos.	5			
235	E803.01.09	4 pole, 40A, 300mA ELCB	Nos.	5			

SCHEDULE OF RATES(PRICE PART) FOR MISCELLANEOUS ELECTRICAL WORKS FOR BCPL,LEPETKATA.

SECTION VI

SL.NO.	SOR ITEM NO.	SOR ITEM DESCRIPTION	UOM	Quantity	RATE (INR)	RATE (INR) in WORDS	Amount (INR)
236	E804.00.00	Installation of following galvanised slotted channels trays for supporting of cables,including all labours and materials,as per specification of this tender and directions of engineer in charge					
237	E804.01.00	100 mm wide	M	30			
238	E804.01.01	150 mm wide	M	30			
239	E804.01.02	60 mm wide	M	30			
240	E805.00.00	Breaking of RCC floor/pavement etc. for making way for laying of GI pipes/conduits/cables etc., including making/repairing after completion of intended purpose,removal of debris from work site, including all materials/machineries, as per approved drawings and instructions of Engineer-in-charge.	CUM	5			
TOTAL (Rs) (In Figure)							
TOTAL (Rs) (In Words)							

NOTE: 1) ABOVE PRICES ARE INCLUSIVE OF ALL TAXES & DUTIES AND EXCLUSIVE OF SERVICE TAX. EXCISE DUTY AND SERVICE TAX SHALL BE PAYABLE ON SUBMISSION OF PROPER CENVATABLE INVOICE.

2) BIDS WOULD BE EVALUATED ON OVERALL LOWEST COST BID BASIS. ACCORDINGLY , ALL SOR ITEMS NEED TO BE QUOTED OTHERWISE BID WILL BE LIABLE FOR REJECTION

Name of authorized person submitting the tender on behalf of the Bidder :	Designation of authorized person:
	Name of firm / Contractor:
	Address of firm / Contractor:
	Date:

PART OF PRICED SOR

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DETAILS OF CENVATABLE SERVICE TAX

S.No.	Description	AMOUNT OF TAXABLE VALUE OF SERVICES (Base value)	Effective rate of tax (%)	Amount of Cenvatable Service Tax
(a)	(b)	(c)	(d)	(e=cxd)
1	CENVATABLE SERVICE TAX			

NOTE:

1. Amount of Cenvatable Service Tax shall not be included by the Contractor in their quoted price. OWNER will reimburse the Cenvatable service tax to the CONTRACTOR against production of original Cenvatable documents as required subject to amount of taxable value of services at Column (c) above . In case any variation in quantities of SOR then this amount shall vary proportionately.
2. Effective rate of Service Tax under column no (d) shall be indicated by Contractor after considering the applicable rules and follow the provisions of the Service tax including Government of India latest Notifications & subsequent amendments, if any
3. Bidder shall furnish this Form duly filled in all respects along with Price part.
4. Contractor shall indicate total Cenvatable service tax amount payable under the contract in this format . However, if the services fall under the list of services defined in reverse charge mechanism, then the liability of deposition of service tax to the tax authority by the Contractor and the Owner shall be dealt in accordance with Notifications issued by Government of India from time to time

(SIGNATURE & SEAL OF BIDDER)

PART OF PRICED SOR

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DETAILS OF EXCISE DUTY INCLUDED IN QUOTED PRICES FOR INDIGENOUS SUPPLIES

S.No.	DESCRIPTION	Amount on which Excise Duty is applicable (In Rupees)	Amount of Cenvatable Excise Duty Included (In Rupees)
(a)	(b)	(c)	(d)
1	EXCISE DUTY		

NOTE:

1. Above Cenvatable Excise duty amount shall be deducted from the Total Prices for the purpose of evaluation
2. Cenvatable Excise Duty Component mentioned in this FORM shall be considered as mandatory discount and shall be adjusted from all R.A. Bills on prorata basis. The Cenvatable Excise Duty shall be reimbursed to the Contractor upon submission of original Cenvatable documents as required to enable Owner to claim Cenvat benefit subject to the ceiling mentioned in this FORM.
3. Bidder shall furnish this FORM duly filled in all respects along with his Price Part.

(SIGNATURE & SEAL OF BIDDER)