

SCHEDULE OF RATES (PRICED BID)

BIDDER TO MENTION PRICE IN PRICED SOR. THE PRICE SHOULD BE MENTIONED HERE

ANNUAL MAINTENANCE CONTRACT FOR OPERATION AND MAINTENANCE WORKS OF ENTIRE ELECTRICAL SYSTEM OF BCPL AND CISF TOWNSHIP FOR A PERIOD OF 12 MONTHS

TENDER NO: BCPL/C&P/LE16W150BB/00134

Sr. No.	SOR Item No.	Description of Items	UOM	Qty	Unit Rate (In Fig)	Unit Rate (In words)	Total Amount (Rs.)
1	1.01	Hiring of Lumsum Services of overall O & M works in General shift for Entire Electrical System of BCPL and CISF Township with minimum depoyment of manpoweras follows:- (Electrical Supervisor: 1 No, Skilled-Electrician: 1 No and Semi-Skilled Electrician : 1 No)	LS per Month	12			
2	1.02	Hiring of Lumsum Services of overall O & M works in 24 hours rotational shift for Operation of Entire Electrical System of BCPL and CISF Township with minnum depoyment of manpower as follows:- (Skilled-Electrician: 8 No's and Semi-Skilled Electrician : 6 No's)	LS per Month	12			
3	2.00	Shifting of One Barrel Diesel (1 Barrel=200 Liter)at a time from Fuel station to the DEG set located at BCPL Township .Diesel will be provided by BCPL	No's	20			
4	3.00	Supply of following MCB (Make: Schneider/Havells/ABB/HPL/L&T).					
5	3.01	MCB - SP, B series 6 -32 A	Nos	7			
6	3.02	MCB - SP, C series 6 -32 A	Nos	3			
7	3.03	MCB - SPN, C series 6 -32 A	Nos	3			
8	3.04	MCB - SPN, C series 40 A	Nos	2			
9	4.0	Supply of following Lights/lamps (Make: Philips/CG/Havells/Bajaj)					
10	4.01	150 W HPSV Lamp for street light .	No's	30			
11	4.02	HPSV Bulb, 250 W for Flood light	No's	5			
12	4.03	400 W HPSV lamp for High Mast Light.	No's	20			
13	4.04	HPMV Lamp, 250 W	No's	3			
14	4.05	250 W Metal Halide lamp (Base cap E40)Tubular/elleptical	No's	3			
15	4.06	150 W Metal Hallide double ended Lamp(Base cap Type Rs x 7 s)	No's	3			
16	4.07	Tube Light, 36 W/40 W	No's	120			
17	4.08	T-5 Tube Light, 28W/25 W	No's	60			
18	4.09	36 W PL-L Lamp	No's	25			
19	4.10	26 W CFL Lamp 2 pin / 4 pin	No's	40			
20	4.11	9 W CFL Lamp (Thread/Pin Type)	No's	10			

21	4.12	11 W CFL Lamp (Thread/Pin Type)	No's	10			
22	4.13	14 W CFL Lamp WOG (thread /pin type)	No's	60			
23	4.14	18 W CFL Lamp 2 pin/4 pin (Cross Type)/thread	No's	40			
24	4.15	UV Tube light for Fly catcher.	No's	10			
25	4.16	Supply of 1000 W halogen bulb	Nos	5			
26	4.17	Supply of 500 W halogen bulb	Nos	7			
27	5.0	Supply of following Ballast Materials (Make:Philips/CG/Bajaj/Havells) :					
28	5.01	Ballast for 150 W HPSV/MH	Nos	25			
29	5.02	Ballast for 250 W HPSV /MH	Nos	5			
30	5.03	Ballast for 400 W HPSV	Nos	15			
31	5.05	Electronic Ballast for 36/40 Watt Tube Light	Nos	40			
32	5.06	Copper Ballast for CFL	Nos	15			
33	5.07	Electronic Ballast for CFL	Nos	20			
34	5.08	Universal Starter for Tube Light	Nos	40			
35	6.0	Supply of following Ignitor materials (Make:CG/Philips/Bajaj/Havells):					
36	6.01	Ignitor for 150 W HPSV/MH lamp	Nos	40			
37	6.02	Ignitor for 250 W HPSV/MH	Nos	7			
38	6.03	Ignitor for 400 W HPSV lamp	Nos	20			
39	7.0	Supply of following capacitor materials (Make:CG/Philips/Bajaj/Havells)::					
40	7.01	Capacitor 42 MFD for 400 W HPSV/MH	No's	20			
41	7.02	Capacitor 33 MFD for 250 W HPSV/MH	No's	10			
42	7.03	Capacitor 20 MFD for 150 W HPSV/MH	No's	20			
43	7.04	Capacitor 10 MFD for 70 W HPSV/MH	No's	5			
44	8.0	Supply of follwing sizes of Wires(Make: Anchor/Havells/Polycab/L & T)					
45	8.01	1.5 sq.mm PVC insulated multi stranded copper wire	Mtr.	360			
46	8.02	2.5 sq.mm PVC insulated multi stranded copper wire	Mtr.	540			
47	8.03	4.0 sq.mm PVC insulated multi stranded copper wire	Mtr.	90			
48	8.04	6.0 sq.mm PVC insulated multi stranded copper wire	Mtr.	90			
49	8.05	3C, 2.5 sq.mm PVC insulated multi stranded unarmoured copper flat cable for submersible pump Motor.	Mtr.	100			
50	9.0	Supply of following sizes of Lug(Make:Comet/Dowells):					
51	9.01	10sq.mm Reducer/ Pin Type CU Lug	No's	10			
52	9.02	10sq.mm Ring Type CU Lug	No's	10			
53	9.03	16sq.mm Reducer/ Pin Type CU Lug	No's	10			
54	9.04	16sq.mm Ring Type CU Lug	No's	10			
55	9.05	25 sq.mm Al tube type Lug	No's	10			
56	9.06	25 sq.mm Reducer/ Pin Type Al Lug	No's	10			
57	9.07	35 sq.mm Al tube typeLug	No's	10			
58	9.08	50 sq.mm Al tube typeLug	No's	10			
59	9.09	70 sq.mm Al tube typeLug	No's	10			
60	9.10	95 sq.mm Al tube typeLug	No's	10			

61	9.11	120 sq.mm Al tube typeLug	No's	10			
62	9.12	150 sq.mm Al tube typeLug	No's	10			
63	9.13	185 sq.mm Al tube typeLug	No's	15			
64	9.14	240 sq.mm Al tube typeLug	No's	10			
65	9.15	300 sq.mm Al tube type Lug	No's	15			
66	10.0	Supply of following Light Fixture materials :					
67	10.01	Supply of 1000 W halogen light fitting(Make:Philips/ Havells/CG/Bajaj)	No's	1			
68	10.02	Supply of 500 W halogen light fitting(Make: Philips/CG/Bajaj/Havells)	No's	1			
69	10.03	250Watt HPSV light fitting (including ballast, capacitor and ignitor). IP 55(Make: Philips/CG/Bajaj/Havells)	No's	1			
70	10.04	T5 tube Light fitting, 28 W(Make: Philips/CG/Bajaj)	No's	20			
71	10.05	1x36/40 Watt Tube Light Fittings(Make: Philips/CG/Bajaj)	No's	30			
72	11.0	Supply of following spare parts of Electric Geyser					
73	11.01	Power Board, Make : Jaquar	No's	5			
74	11.02	Display Board Make : Jaquar	No's	5			
75	11.03	Thermostat For Jaquar/Venus make Geyser	No's	10			
76	11.04	Heating Element, Make : Venus/Jaquar	No's	8			
77	11.05	Connecting Element used in connecting Power Board and Display Board (Make Jaquar Geyser)	No's	7			
78	12.0	Supply of following materials for 33 KV Double Pole(DP) Terminating Structure					
79	12.01	33 KV Drop Out Fuse Element , 60 Amps	No.	10			
80	12.02	33 KV Drop Out Fuse Element , 20 Amps	No.	10			
81	13.0	Pump set					
82	13.01	Disconnection, Dismantling and Lifting of existing submersible pumpset for borewell including all tools and tackles etc as per specifications of the tender and diretions of the EIC .	No's	2			
83	13.02	Lowering, installation and connection of existing/new submersible pumpset for borewell including all tools and tackles etc as per specifications of the tender and diretions of the EIC .(Supply of Pumpset is excluded).	No's	2			
84	14.0	Supply of following items for Ceiling/exhaust fan					
85	14.01	2.5 MFD Capacitor for Ceiling fan(Make: Bajaj/Havells/CG)	No's	30			
86	14.02	4 ufd Capacitor for 230V, exhaust fan(Make: Bajaj/Havells/CG)	No's	20			
87	14.03	Electronic Regulator for Ceiling fan(Make: Anchor/Roma/Havells)	No's	10			
88	14.04	Ceiling fan Bearing(Make: SKF/FAG)	No's	10			
89	15.00	Rewinding of following 1 phase AC motor including supply of all required materials. The insulation class of the material used for rewinding shall be as per the design of the original motor.Transportation of burnt motor form site to Motor rewinding shop and delivering it back to be site shall be in the scope of contractor.					
90	15.01	Rewinding of burnt ceiling Fan Motor	No's	15			
91	15.02	Rewinding of burnt exhaust Fan Motor	No's	10			
92	16.0	Supply of The following Switches, Sockets and other electrical accessories.					
93	16.01	GI Wooden Screw(Make: Pestro Plus or equivalent)	Pkt.	10			
94	16.02	PVC wall plug (Gutka)	Pkt.	10			
95	16.03	GI Saddle for 2.5 mm conduit	No's	50			
96	16.04	Spike Buster/Power Strip, 6 A(Make: Orpat/Philips/Havells)	No's	5			

97	16.05	L,T, external, internal, coupler etc.	No's	50			
98	16.06	25 mm casing caping	Mtr.	150			
99	16.07	6 A, piano Type Switch.(Make: Havells/Anchor/Roma/Crabtree)	No's	30			
100	16.08	16 A, piano Type Switch.(Make: Havells/Anchor/Roma/Crabtree)	No's	15			
101	16.09	6 A 5 pin socket (Make: Havells/Anchor/Roma/Crabtree)	No's	30			
102	16.10	15 A socket (Make: Havells/Anchor/Roma/Crabtree)	No's	10			
103	16.11	5 -15 A Modular Switch(Make: Havells/Anchor/Roma/Crabtree)	No's	40			
104	16.12	5-15 A Modular Socket (Make: Havells/Anchor/Roma/Crabtree)	No's	25			
105	16.13	Modular plate(Make: Havells/Anchor/Roma/Crabtree)	No's	15			
106	16.14	Switch Board (4"*4") Modular / Equivalent PVC Board.	No's	10			
107	16.15	Switch Board (7"*4") Modular / Equivalent PVC Board	No's	8			
108	16.16	Switch Board (8"*6") Modular / Equivalent PVC Board	No's	5			
109	16.17	16 A S/S combined(Make: Havells/Anchor/Roma/Crabtree)	No's	30			
110	16.18	PVC Flexible conduit pipe	Mtr.	100			
111	16.19	PVC conduit pipe, 2.5 mm	Mtr.	100			
112	16.20	Bend for PVC conduit pipe	No's	40			
113	16.21	Plug Top, 3 pin, 6 A (Make: Havells/Anchor/Roma/Crabtree)	No's	30			
114	16.22	Plug Top, 3 pin, 16 A (Make: Havells/Anchor/Roma/Crabtree)	No's	20			
115	16.23	Ding Dong Door Bell(Make: Havells/Anchor/Roma/Crabtree)	No's	30			
116	16.24	Door Bell 6A Switch (modular type)(Make: Havells/Anchor/Roma/Crabtree)	No's	20			
117	16.25	Battery terminal connector , copper	No's	10			
118	16.26	PVC Insulation Tape (Red, Yellow, Blue, Black & Green as per requirement)(Make: Anchor)	No's	100			
119	16.27	Cable Tie - 2 inch	Pkt.	2			
120	16.28	Cable Tie - 4 inch	Pkt.	2			
121	16.29	Cable Tie - 6 inch	Pkt.	2			
122	16.30	Cable Tie - 10 inch	Pkt.	2			
123	16.31	M Seal (100 g packet)	Pkt.	5			
124	16.32	Remote Operated Calling Bell(Make: Havells/Anchor/Roma/Crabtree)	No's	5			
125	16.33	HT (33 KV) Tape	No's	5			
126	16.34	4' x 12 mm GI Nut Bolt.	No.	20			
127	16.35	3/16 X 11/2" GI Nut bolt.	No.	10			
128	16.36	DIN rail channel	RM	5			
129	16.37	Ferrules (Numbers & Alphabets)	Pkt.	5			
130	17.00	Supply of Straight through Heat Shrinkable Jointing Kit(Make: 3M/Raychem)					
131	17.01	Straight Through Heat Shrinkable Jointing Kit for 1100 Volts, 16 sq.mm 4 core, Al conductor, PVC insulated UG cable	No's	2			
132	17.02	Straight Through Heat Shrinkable Jointing Kit for 1100 Volts, 25 sq.mm 4 core, Al conductor, PVC insulated UG cable	No's	2			
133	17.03	Straight Through Heat Shrinkable Jointing Kit for 1100 Volts, 300 sq.mm 4 core, Al conductor, PVC insulated UG cable	No's	1			
134	18.00	Supply of starter for the following water/submersible pumps including all accessories					

135	18.01	Star Delta Starter for Three pahse 10 HP submersible pump (Make: L&T/Havells/Simens/BCH)	Nos	1			
136	18.02	DOL starter for Three phase 5 HP submersible pump(Make: L&T/Havells/Simens/BCH)	Nos	1			
137	19.00	Laying of cables of different voltage grades(1.1/6.6/33 KV) excluding the supply of cable in the ready Burired/RCC cable Trench/tray of following sizes :					
138	19.01	OD < 20 mm(OD= Approximate Overall Diameter of the cable)	Mtr.	50			
139	19.02	20<OD < 40 mm (OD=Approximate Overall Diameter of the cable)	Mtr.	100			
140	19.03	40< OD < 80 mm (OD= Approximate Overall Diameter of the cable)	Mtr.	100			
141	19.04	80 < OD (OD= Approximate Overall Diameter of the cable)	Mtr.	100			
142	20.00	Excavation & backfilling for making buried cable trenches of size up to 500 X 500 mm, including supply and laying of fine river sand & second class bricks for under groung cable laying as per relevant BIS code and instruction of Engineer - in - charge.	RM	100			
143	21.00	Supplying of following electrical items					
144	21.01	1200 mm sweep ceiling fan(Maker: Bajaj/CG/Philips)	No's	2			
145	21.02	300/400 mm sweep exhaust fan(Maker: Bajaj/CG/Philips)	No's	2			
146	21.03	Fly catcher Fitting with tube	No's	1			
147	21.04	Emergency Light(Make: Philips/CG)	No's	2			
148	21.05	Oil filled room heater, (Make : USHA/Havells)	No's	1			
149	21.06	Electric Geyser with Digital Display ,15 Ltr. (Make: Venus/Jaquar/Havells/Usha)	No's	1			
150	22.00	GI Pipe Electrode Earthing Station : Supply, assembling, installing,testing and commisioning with all the items for construction GI pipe earthing station. The earthing station comprises of one number B class GI earthing pipe size 100 mm dia x 5 m thick (minimum 4.5 mtr deep) GI funnel with stainless steel hinged door on steel frame(300 mm X 300 mm) to cover up the watering pit, minimum 50 kg salt and 100 kgs of fine charcoal powder, earthing conductor size 25 mm X 6 mm GI flat from pipe to the ground level, required hardware and miscellaneous items. The work invplves digging pit on the soil, burying the earth electrode in the mixture of common salt and charcoal, connecting earthing conductor to earthing electrode, backfilling the soil and constructing the watering pit, earthing chamber at the site as per direction of EIC.Earth chamber top level must be 100 mm from FGL.E CI (Cast Iron) plate with earh-pit marking and earh-resisatnce value must be provided.	No's	1			
151	23.00	Salt Treatment of Earth pit with Charcoal and Salt and water sloution to achive a desirable resistance value (individual & with grid) including all labour and materials as per specifications of the tender and directions of EIC.Charcoal,Salt and other materials are in the scope of the contractor ,only earth tester shall be provided by BCPL.	No's	5			
152	24.00	Painting of lighting poles and other electrical equipments with Berger / Shalimar / Asian enamel paint, in the shades as directed by the EIC including supply of all labour,material and consumables as per specifications of the tender and directions of EIC.					
153	24.01	Supply and application of one coat of light build zinc phosphate primer after making preparation of surface to be painted with the help of wire brush, emery or sand paper.	SQM	70			
154	24.02	Supply and application of two coat of first quality synthetic enamel paint / aluminum paint after making preparation of surface to be painted with the help of wire brush, emery or sand paper.	SQM	70			

155	25.00	Supply, installation and connection of following GI earth strip along the ready cable trenches or cable trays or fixing on walls or structures including welding at joints, providing anti-corrosive paint or bitumen and jute covering for welded portion, clamping and all necessary hardware for connecting etc., including all labour and tools, as per approved drawings, specifications of this tender and directions of Engineers- in- Charge.					
156	25.01	20 x 3 mm	Mtr.	100			
157	25.02	50 x 6 mm	Mtr.	50			
158	25.03	75 x 10 mm	Mtr.	50			
159	26.00	Painting of Alphabetical letters and numbers on equipments, poles, panels on Yellow Base Colour and Black Colour of the Alphabets/Numbers including supply of the paint of required shade including supply of manpower, materials like Paint Brush, Stencil , tools and tackles etc. required for execution of the work, as per direction of the EIC.					
160	26.01	Including and upto Size 25 mm	Nos	300			
161	26.02	Including and upto Size 50 mm	Nos	200			
162	26.03	Including and upto Size 100 mm	Nos	100			
SUB-TOTAL (EXCLUDING SERVICE TAX)					A		
SERVICE TAX (10.5 % OF A)					B		
GRAND TOTAL (A+B)					C		

NB-Considering the nature of job in this case, Service tax applicable@15 % on 70% i.e 10.5% of A. However bidders may quote any other rates if applicable as per service tax rules in vogue. Service tax is payable on submission of cenvatable invoice. Evaluation shall be done after considering cenvatable benefit on service tax.