ELECTRICAL DIVISION

THE GANDHIGRAM RURAL INSTITUTE (Deemed to be University)

(Ministry of Education (Shiksha Mantralaya), Govt. of India

(Re-Accredited by NAAC with 'A++' Grade (4th Cycle))

Gandhigram – 624 302 Dindigul District, Tamil Nadu, India.

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ED/Rate Contract/2026-27

Quotation Call for Annual Rate Contract

For and on behalf of The Gandhigram Rural Institute – Deemed to be University, Gandhigram, quotations are invited for "**Operation and Maintenance of Electrical Works in the GRI Campus"** for the year of 2026-2027

The terms and conditions for the quotations are as below:

(i) **An Electrical Material Supplier outlet should be within the radius of 20 kilometers of the GRI campus.**

(ii) The Contractor must have the Valid Electrical Grade – A License Approved by the TNELB.

(iii) In case of an emergency within half an hour, the contractor will allocate the workers to the problematic spot.

(iv) No TA or DA will be compensated.

(v) The contractor should have a GST / PAN in the name of the Company and it should be printed in the Quotation form itself.

(vi) You have to use the attached format and are requested to fill up the Qty and rate/discount alone

(vii) The rate should clearly indicate the unit/nos.

(viii) Applicable Taxes /GST should be indicated item-wise clearly. Else price may be quoted as inclusive of Taxes / GST

(ix) If you are not in a position to quote an item, Please indicate it as "NQ" (Not Quoted)

(x) The mode of payment is on "CREDIT" and payment will be made within 30 days (Minimum)

(xi) The validity of the offer should normally be for One Year from the date of the offer.

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Annual rate contact for Electrical Labor work in the GRI Campus

From April 2026 – March 2027

I. Fabrication of Panel Board & Labor rate Contract for UG Cable Work and Electrical Wiring Works

Name and address of the Firm:

ESB Number : **Validity :**

PAN :

GST Number :

S.No	Item Specifications	Unit	Price
1	**A.Copper Bus Bar**, Size: 1 X 1/8 With insulated by PVC color markings,(Mention the price with including the all works of Bending ,Drilling, Shaping, Polishing, Bus bar Color coding and etc…)	1 Kg	
2	**A.Aluminum Bus Bar**, Size: 1 X 1/8 With insulated by PVC color markings,(Mention the price with including the all works of Bending ,Drilling, Shaping, Polishing, Bus bar Color coding and etc…)	1 Kg	
3	**B**.Bus bar Insulator - SM 35 (Red Color), Include with Bolt nut Vassar and fixing charge	1 No	
4	**C**.L 250 x W 150 x Thickness 2.5 mm Hylam Sheet (Fabric base mechanical grade.)	Per sq feet	
5	**D**.The panel board overall made by 18 Gauge metal sheets only. Overall outdoor size of the panel 12x12x12 inches may be include the back plate and front door Sizes for calculation	Per Sq feet	
6	**E**.The Bus bar insulator and Switches are must be fixed on the additional 18 Gauge MS back plate		
7	**F**.This panel board is placed to be in outdoor atmosphere so additional front door to be provided for safety precautions. I t must be fulfill the IP 25 Rating of IER Rules.		
8	**G**.The panel Board painted with Electrostatic paint (powder coating) the shade of the color of the panel inside and outside shall be as per BOQ Conforming IS code NO: 5. **Refer as per the Fig No:1 on Page No12 (Kindly find and download the attachment file) Mention the price in Cubic feet only**		
9	Trench Excavation (or) digging and refilling charges Only	Per Meter	
10	Trench refilling charges Only	Per Meter	
11	Cable Laying Charges Only (Size up to 35 Sqmm)	Per Meter	
12	Sand Cushioning the cable, protective covering with bricks in and Refilling the trench etc. as required. (Up to 35 Sqmm With CPWD & PWD Standard)	Per Meter	
13	Cable Laying Charges Only (Size from 35 Sqmm to 95 Sqmm)	Per Meter	
14	Sand Cushioning the cable, protective covering and Refilling the trench etc. as required. (From 35 to 95 Sqmm With CPWD & PWD Standard)	Per Meter	
15	Cable Laying Charges Only (Size From 95 Sq.mm to 185 Sq.mm)	Per Meter	

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16	Sand Cushioning the cable, protective covering and Refilling the trench etc. as required. (From 95 Sq.mm to 185 Sq.mm) With CPWD & PWD Standard)	Per Meter	
17	Cable Laying Charges Only (From 185 Sq.mm to 400 Sq.mm)	Per Meter	
18	Sand Cushioning the cable, protective covering and Refilling the trench etc. as required. (From 185 Sq.mm to 400 Sq.mm With CPWD & PWD Standard)	Per Meter	
19	UG Cable laying Work. up to 35 sq mm Refer description of work	Per Meter	
20	UG Cable laying Work 35 sq. mm to 95 Sq mm Refer description of work	Per Meter	
21	UG Cable laying Work 95 sq. mm to 185 Sqmm Refer description of work	Per Meter	
22	UG Cable laying Work 185 sq. mm to 400 Sqmm Refer description of work	Per Meter	
23	End Termination Charges 3½ X Up to 16 sq. mm Each or Below Refer description of work	Each	
24	End Termination Charges 3½ X 25 sq. mm (28mm) Each Refer description of work	Each	
25	End Termination Charges 3½ X 35 sq. mm (32mm) Each Refer description of work	Each	
26	End Termination Charges 3½ X 50 sq. mm (35 mm) Each Refer description of work	Each	
27	End Termination Charges 3½ X 70 sq. mm (38mm) Each Refer description of work	Each	
28	End Termination Charges 3½ X 95 sq. mm (45 mm) Each Refer description of work	Each	
29	End Termination Charges 3½ X 120 sq. mm (45 mm) Each Refer description of work	Each	
30	End Termination Charges 3½ X 150 sq. mm (50 mm) Each Refer description of work	Each	
31	End Termination Charges 3½ X 185 sq. mm (57mm) Each Refer description of work	Each	
32	End Termination Charges 3½ X 225 sq. mm (62mm) Each Refer description of work	Each	
33	End Termination Charges 3½ X 240 sq. mm (62mm) Each Refer description of work	Each	
34	End Termination Charges 3½ X 300 sq. mm (70 mm) Each Refer description of work	Each	
35	End Termination Charges 3½ X 400 sq. mm (82mm) Each Refer description of work	Each	
36	UG Cable Joining Work labor charges only 3½ X 25 sq. mm Each or below Refer description of work	Each	
37	UG Cable Joining Work labor charges only 3½ X 35 sq. mm Each Refer description of work	Each	
38	UG Cable Joining Work labor charges only 3½ X 50 sq. mm Each Refer description of work	Each	
39	UG Cable Joining Work labor charges only 3½ X 70 sq. mm Each Refer description of work	Each	
40	UG Cable Joining Work labor charges only 3½ X 95 sq. mm Each Refer description of work	Each	
41	UG Cable Joining Work labor charges only 3½ X 120 sq. mm Each Refer description of work	Each	
42	UG Cable Joining Work labor charges only 3½ X 150 sq. mm Each Refer description of work	Each	

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43	UG Cable Joining Work labor charges only 3½ X 185 sq. mm Each Refer description of work	Each	
44	UG Cable Joining Work labor charges only 3½ X 225 sq. mm Each Refer description of work	Each	
45	UG Cable Joining Work labor charges only 3½ X 240 sq. mm Each Refer description of work	Each	
46	UG Cable Joining Work labor charges only 3½ X 300 sq. mm Each Refer description of work	Each	
47	UG Cable Joining Work labor charges only 3½ X 400 sq. mm Each Refer description of work	Each	
48	RCC Cable Root Marker (H 24''X W 8" X Thickness 4 ")	Per No	
49	RCC Pipes for Road crossing (1'Dia X 6' Length)	Per No	
50	RCC Pipes for Road crossing (1/2'Dia X 6' Length)	Per No	
51	RCC Pipes for Road crossing (3/4'Dia X 6' Length)	Per No	
52	UG Cable EB Service related Work: Up to 16 Sqmm Refer description of work	Per No	
53	UG Cable EB Service related Work: Above 16 to up to 35 Sqmm Refer description of work	Per No	
54	UG Cable EB Service related Work: Above 35 Sqmm up to 95 Sqmm Refer description of work	Per No	
55	**UG Cable EB Service related Work:** Above 95 Sqmm up to 185 Sqmm Refer description of work	Per No	
56	12 MTR HIMAST Light pole 160MM PIPE=6MTR 140MM PIPE=3MTR 114MM PIPE=3MTR THICKNESS=20MM BASE PLATE=16"X16" include with labour and foundation Materials	Per No	
57	Wiring for light point/ fan point/ exhaust fan point/ call bell point with 1 - 4 sq.mm FRLS Insulated copper conductor single core cable in surface / recessed PVC conduit, with earthing the point with 1.5 sq.mm. FRLS insulated copper conductor single core cable etc as required. **Open Wiring**	Per Point	
58	Wiring for light point/ fan point/ exhaust fan point/ call bell point with 1 - 4 sq.mm FRLS Insulated copper conductor single core cable in surface / recessed PVC conduit, with earthing the point with 1.5 sq.mm. FRLS insulated copper conductor single core cable etc as required **Concealed Wiring**	Per Point	
59	Wiring for twin control light point with 1.5 sq.mm FR PVC insulated copper conductor single core cable in surface / recessed steel conduit, 2 way modular switch, modular plate, suitable GI box and earthing the point with 1.5 sq.mm. FR PVC insulated copper conductor single core cable etc as required. **Open Wiring**	Per Point	
60	Wiring for twin control light point with 1.5 sq.mm FR PVC insulated copper conductor single core cable in surface / recessed steel conduit, 2 way modular switch, modular plate, suitable GI box and earthing the point with 1.5 sq.mm. FR PVC insulated copper conductor single core cable etc as required **Concealed Wiring**.	Per Point	
61	Wiring for light/ power plug with 2 X 4 / 6 / 10 sq. mm FR PVC insulated copper conductor single core cable in surface/ recessed steel conduit along with 1 No 4 sq. mm FR PVC insulated copper conductor single core cable for loop earthing as required **Open Wiring**	Per Point	
62	Wiring for light/ power plug with 2 X 4 / 6 / 10 sq. mm FR PVC insulated copper conductor single core cable in surface/ recessed steel conduit along with 1 No 4 sq. mm FR PVC insulated copper conductor single core cable for loop earthing as required **Concealed Wiring**	Per Point	
63	Wiring for light/ power plug with 4 X 4 / 6 / 10 sq. mm FR PVC insulated copper conductor single core cable in surface/ recessed steel conduit along with 1 No 4 sq. mm FR PVC insulated copper conductor single core cable for loop earthing as required **Open Wiring**	Per Point	

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64	Wiring for light/ power plug with 4 X 4 / 6 / 10 sq. mm FR PVC insulated copper conductor single core cable in surface/ recessed steel conduit along with 1 No 4 sq. mm FR PVC insulated copper conductor single core cable for loop earthing as required **Concealed Wiring**	Per Point	
65	Wiring for Separate circuit for Air Condition Point Wiring With 4 / 6 /10 Sqmm FRLS flexible Cable along with earth wire insulated copper conductor, single core cable in surface/ recessed steel conduit as required **Open Wiring**	Per Point	
66	Wiring for Separate circuit for Air Condition Point Wiring With 4 / 6 /10 Sqmm FRLS flexible Cable along with earth wire insulated copper conductor, single core cable in surface/ recessed steel conduit as required **Concealed Wiring**	Per Point	
67	Wiring for circuit/ sub main wiring along with earth wire with the Following sizes of FR PVC insulated copper conductor, single core cable in surface/ recessed steel conduit as required 2 X 1.5 Sqmm + 1 X 1.5 Sq.mm. Earth wire	Per No	
68	Wiring for circuit/ sub main wiring along with earth wire with the Following sizes of FR PVC insulated copper conductor, single core cable in surface/ recessed steel conduit as required 4 X 1.5 Sqmm + 1 X 1.5 Sq.mm. Earth wire	Per No	
69	Wiring for circuit/ sub main wiring along with earth wire with the Following sizes of FR PVC insulated copper conductor, single core cable in surface/ recessed steel conduit as required 2 X 2.5 Sqmm + 1 X 1.5 Sq.mm. Earth wire	Per No	
70	Wiring for circuit/ sub main wiring along with earth wire with the Following sizes of FR PVC insulated copper conductor, single core cable in surface/ recessed steel conduit as required 4 X 2.5 Sqmm + 1 X 1.5 Sq.mm. Earth wire	Per No	
71	Wiring for circuit/ sub main wiring along with earth wire with the Following sizes of FR PVC insulated copper conductor, single core cable in surface/ recessed steel conduit as required 2 X 4.0 Sqmm + 1 X 1.5 Sq.mm. Earth wire	Per No	
72	Wiring for circuit/ sub main wiring along with earth wire with the Following sizes of FR PVC insulated copper conductor, single core cable in surface/ recessed steel conduit as required 4 X 4 Sqmm + 1 X 1.5 Sq.mm. Earth wire	Per No	
73	Wiring for circuit/ sub main wiring along with earth wire with the Following sizes of FR PVC insulated copper conductor, single core cable in surface/ recessed steel conduit as required 4 X 6 Sqmm + 2 X 6 Sq.mm. Earth wire	Per No	
74	Wiring for circuit/ sub main wiring along with earth wire with the Following sizes of FR PVC insulated copper conductor, single core cable in surface/ recessed steel conduit as required 4 X 10 Sqmm + 2 X 6 Sq.mm. Earth wire	Per No	
75	Wiring for circuit/ sub main wiring along with earth wire with the Following sizes of FR PVC insulated copper conductor, single core cable in surface/ recessed steel conduit as required	Per No	
76	Installation, testing and commissioning of pre-wired, fluorescent fitting / compact fluorescent And LED fitting of all types, complete with all accessories and tube etc. directly on ceiling/ wall, including connection with 1.5 sq. mm FR PVC insulated, copper conductor, single core cable and earthling etc. as required	Per No	
77	Installation, testing and commissioning of pre-wired, Street light fluorescent fitting / compact fluorescent And LED fitting of all types, complete with all accessories and tube etc. directly on Excising RCC / Steel / MS Pipe pole including connection with 1.5 sq. mm FR PVC insulated, copper conductor, single core cable and earthling etc. as required	Per No	
78	Installation, testing and commissioning of ceiling fan, including wiring the down rods of standard length (up to 30 cm) with 1.5 sq. mm FR PVC insulated, copper conductor, single core cable, etc. as required.	Per No	
79	Installation, testing and commissioning of Wall Mount fan, including wiring with 1.5 sq. mm FR PVC insulated, copper conductor, single core cable, including providing and fixing phenolic laminated sheet cover on the fan box etc. as required.	Per No	
80	Service Board & Main board Wiring 1 ø	Per No	
81	Service Board & Main board Wiring 3 ø	Per No	

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82	Wire Running charges for Above 5 Meters 2 X 1.5 Sqmm + 1 X 1.5 Sq.mm. Earth wire	Per Meter	
83	Wire Running charges for Above 5 Meters 4 X 1.5 Sqmm + 1 X 1.5 Sq.mm. Earth wire	Per Meter	
84	Wire Running charges for Above 5 Meters 2 X 2.5 Sqmm + 1 X 1.5 Sq.mm. Earth wire	Per Meter	
85	Wire Running charges for Above 5 Meters 4 X 2.5 Sqmm + 1 X 1.5 Sq.mm. Earth wire	Per Meter	
86	Wire Running charges for Above 5 Meters 2 X 4 Sqmm + 1 X 1.5 Sq.mm. Earth wire	Per Meter	
87	Wire Running charges for Above 5 Meters 4 X 4 Sqmm + 1 X 1.5 Sq.mm. Earth wire	Per Meter	
88	Wire Running charges for Above 5 Meters 4 X 6 Sqmm + 1 X 1.5 Sq.mm. Earth wire	Per Meter	
89	Wire Running charges for Above 5 Meters 4 X 10 Sqmm + 1 X 1.5 Sq.mm. Earth wire	Per Meter	
90	Wire Running charges for Above 5 Meters 4 X 16 Sqmm + 1 X 1.5 Sq.mm. Earth wire	Per Meter	
91	Fixing of following ways surface/ recess mounting, vertical type, 415 volts, TPN MCB distribution board of sheet steel, dust protected, duly powder painted, inclusive of 200 amps tinned copper bus bar, common neutral link, earth bar, din bar for mounting MCB's2 Way / 4 Way **Replacing Charge**	Per No	
92	Fixing of following ways surface/ recess mounting, vertical type, 415 volts, TPN MCB distribution board of sheet steel, dust protected, duly powder painted, inclusive of 200 amps tinned copper bus bar, common neutral link, earth bar, din bar for mounting MCB's 4Way **Fixing Charge**	Per No	
93	Fixing of following ways surface/ recess mounting, vertical type, 415 volts, TPN MCB distribution board of sheet steel, dust protected, duly powder painted, inclusive of 200 amps tinned copper bus bar, common neutral link, earth bar, din bar for mounting MCB's 8 Way **Replacing Charge**	Per No	
94	Fixing of following ways surface/ recess mounting, vertical type, 415 volts, TPN MCB distribution board of sheet steel, dust protected, duly powder painted, inclusive of 200 amps tinned copper bus bar, common neutral link, earth bar, din bar for mounting MCB's 8 Way **Fixing Charge**	Per No	
95	Fixing of following ways surface/ recess mounting, vertical type, 415 volts, TPN MCB distribution board of sheet steel, dust protected, duly powder painted, inclusive of 200 amps tinned copper bus bar, common neutral link, earth bar, din bar for mounting MCB's 12 Way **Replacing Charge**	Per No	

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96	Fixing of following ways surface/ recess mounting, vertical type, 415 volts, TPN MCB distribution board of sheet steel, dust protected, duly powder painted, inclusive of 200 amps tinned copper bus bar, common neutral link, earth bar, din bar for mounting MCB's 12 Way Fixing Charge	Per No	
97	Fixing of following ways surface/ recess mounting, vertical type, 415 volts, TPN MCB distribution board of sheet steel, dust protected, duly powder painted, inclusive of 200 amps tinned copper bus bar, common neutral link, earth bar, din bar for mounting MCB's **16 Way Replacing Charge**	Per No	
98	Fixing of following ways surface/ recess mounting, vertical type, 415 volts, TPN MCB distribution board of sheet steel, dust protected, duly powder painted, inclusive of 200 amps tinned copper bus bar, common neutral link, earth bar, din bar for mounting MCB's 16 Way Fixing Charge **Fixing Charge**	Per No	
99	Fixing of following ways surface/ recess mounting, vertical type, 415 volts, TPN MCB distribution board of sheet steel, dust protected, duly powder painted, inclusive of 200 amps tinned copper bus bar, common neutral link, earth bar, din bar for mounting MCB's Up To 24 Way **Replacing Charge**	Per No	
100	Fixing of following ways surface/ recess mounting, vertical type, 415 volts, TPN MCB distribution board of sheet steel, dust protected, duly powder painted, inclusive of 200 amps tinned copper bus bar, common neutral link, earth bar, din bar for mounting MCB's 24 Way Fixing Charge **Fixing Charge**	Per No	
101	Installation Of Ex.Fan on the Surface, connection, testing, Commissioning Etc. as required **Replacing Charge**	Per No	
102	Installation Of Ex.Fan on the Surface, connection, testing, Commissioning Etc. as required **Fixing Charge**	Per No	
103	Fixing following piano type switch/ socket on the existing switch box / cover Including connections etc. as required.1/ 2 way 5/6 amps switch / Socket **Replacing Charge**	Per No	
104	Fixing following piano type switch/ socket on the existing switch box / cover Including connections etc. as required.1/ 2 way 5/6 amps switch / Socket **Fixing Charge**	Per No	
105	Fixing following piano type switch/ socket on the existing switch box/ cover Including connections etc. as required.1 way 16 / 20 amps switch / Socket **Replacing Charge**	Per No	
106	Fixing following piano type switch/ socket on the existing switch box/ cover Including connections etc. as required.1 way 16 / 20 amps switch / Socket **Fixing Charge**	Per No	
107	Fixing following Electronic type regulator on the existing switch box / cover Including connections etc. as required.1 switch / Socket Model **Replacing Charge**	Per No	
108	Fixing following Electronic type regulator on the existing switch box / cover Including connections etc. as required.1 switch / Socket Model **Fixing Charge**	Per No	
109	Fixing 5 A Ceiling Rose on the Existing Junction Box / wooden Block including Connection etc.as required **Replacing Charge**	Per No	
110	Fixing 5 A Ceiling Rose on the Existing Junction Box / wooden Block including Connection etc.as required **Fixing Charge**	Per No	
111	Fixing 5 A Brass Batten / angle Holder including Connection etc. as required **Replacing Charge**	Per No	
112	Fixing 5 A Brass Batten / angle Holder including Connection etc. as required **Fixing Charge**	Per No	
113	Fixing following capacity TP&N disconnector fuse switch unit inside the existing panel board with ISI marked HRC fuses including drilling holes in cubicle panel, making Connections, etc. as required. 63 AMPS **Replacing Charge**	Per No	
114	Fixing following capacity TP&N disconnector fuse switch unit inside the existing panel board with ISI marked HRC fuses including drilling holes in cubicle panel, making Connections, etc. as required. 63 AMPS **Fixing Charge**	Per No	

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115	Fixing following capacity TP&N disconnector fuse switch unit inside the existing panel board with ISI marked HRC fuses including drilling holes in cubicle panel, making Connections, etc. as required. 125/100 AMPS **Replacing Charge**	Per No	
116	Fixing following capacity TP&N disconnector fuse switch unit inside the existing panel board with ISI marked HRC fuses including drilling holes in cubicle panel, making Connections, etc. as required. 125/100 AMPS **Fixing Charge**	Per No	
117	Fixing following capacity TP&N disconnector fuse switch unit inside the existing panel board with ISI marked HRC fuses including drilling holes in cubicle panel, making Connections, etc. as required. 160 AMPS **Replacing Charge**	Per No	
118	Fixing following capacity TP&N disconnector fuse switch unit inside the existing panel board with ISI marked HRC fuses including drilling holes in cubicle panel, making Connections, etc. as required. 160 AMPS **Fixing Charge**	Per No	
119	Fixing following capacity TP&N disconnector fuse switch unit inside the existing panel board with ISI marked HRC fuses including drilling holes in cubicle panel, making Connections, etc. as required. 200 AMPS **Replacing Charge**	Per No	
120	Fixing following capacity TP&N disconnector fuse switch unit inside the existing panel board with ISI marked HRC fuses including drilling holes in cubicle panel, making Connections, etc. as required. 200 AMPS **Fixing Charge**	Per No	
121	Fixing following capacity TP&N disconnector fuse switch unit inside the existing panel board with ISI marked HRC fuses including drilling holes in cubicle panel, making Connections, etc. as required. 400 AMPS **Replacing Charge**	Per No	
122	Fixing following capacity TP&N disconnector fuse switch unit inside the existing panel board with ISI marked HRC fuses including drilling holes in cubicle panel, making Connections, etc. as required. 400 AMPS **Fixing Charge**	Per No	
123	Fixing following capacity 4 P Change over switch unit inside the existing panel board including drilling holes in cubicle panel, making Connections, etc. as required.63 AMPS **Replacing Charge**	Per No	
124	Fixing following capacity 4 P Change over switch unit inside the existing panel board including drilling holes in cubicle panel, making Connections, etc. as required.63 AMPS **Fixing Charge**	Per No	
125	Fixing following capacity 4 P Change over switch unit inside the existing panel board including drilling holes in cubicle panel, making Connections, etc. as required. 100 /125/ 160 AMPS **Replacing Charge**	Per No	
126	Fixing following capacity 4 P Change over switch unit inside the existing panel board including drilling holes in cubicle panel, making Connections, etc. as required. 100 /125/ 160 AMPS **Fixing Charge**	Per No	
127	Fixing following capacity 4 P Change over switch unit inside the existing panel board including drilling holes in cubicle panel, making Connections, etc. as required.200 AMPS **Replacing Charge**	Per No	
128	Fixing following capacity 4 P Change over switch unit inside the existing panel board including drilling holes in cubicle panel, making Connections, etc. as required.200 AMPS **Fixing Charge**	Per No	
129	Fixing following capacity 4 P Change over switch unit inside the existing panel board including drilling holes in cubicle panel, making Connections, etc. as required. 400 AMPS **Replacing Charge**	Per No	
130	Fixing following capacity 4 P Change over switch unit inside the existing panel board including drilling holes in cubicle panel, making Connections, etc. as required. 400 AMPS **Fixing Charge**	Per No	
131	Fixing following capacity 4 P Change over switch With **Enclosure** unit including drilling holes in Walls MS frame Wooden board, panel,& making Connections, etc. as required.**63 / 160 AMPS Replacing Charge**	Per No	
132	Fixing following capacity 4 P Change over switch With **Enclosure** unit including drilling holes in Walls MS frame Wooden board, panel,& making Connections, etc. as required.**63 / 160 AMPS Fixing Charge**	Per No	

133	Fixing following capacity 4 P Change over switch **Enclosure** unit including drilling holes in Walls MS frame Wooden board, panel,& making Connections, etc. as required. **200 AMPS Replacing Charge**	Per No	
134	Fixing following capacity 4 P Change over switch **Enclosure** unit including drilling holes in Walls MS frame Wooden board, panel,& making Connections, etc. as required. **200 AMPS Fixing Charge**	Per No	
135	Fixing 5 amps to 32 amps rating, 240/415 volts, "C" curve, miniature circuit breaker suitable for inductive load of following poles in the existing MCB DB complete with connections, testing and commissioning etc. as required. **Single pole Replacing Charge**	Per No	
136	Fixing 5 amps to 32 amps rating, 240/415 volts, "C" curve, miniature circuit breaker suitable for inductive load of following poles in the existing MCB DB complete with connections, testing and commissioning etc. as required. **Single pole Fixing Charge**	Per No	
137	Fixing 5 amps to 32 amps rating, 240/415 volts, "C" curve, miniature circuit breaker suitable for inductive load of following poles in the existing MCB DB complete with connections, testing and commissioning etc. as required. **Double Pole Replacing Charge**	Per No	
138	Fixing 5 amps to 32 amps rating, 240/415 volts, "C" curve, miniature circuit breaker suitable for inductive load of following poles in the existing MCB DB complete with connections, testing and commissioning etc. as required. **Double Pole Fixing Charge**	Per No	
139	Fixing 5 amps to 32 amps rating, 240/415 volts, "C" curve, miniature circuit breaker suitable for inductive load of following poles in the existing MCB DB complete with connections, testing and commissioning etc. as required. **Triple pole / 4 pole Replacing Charge**	Per No	
140	Fixing 5 amps to 32 amps rating, 240/415 volts, "C" curve, miniature circuit breaker suitable for inductive load of following poles in the existing MCB DB complete with connections, testing and commissioning etc. as required. **Triple pole / 4 pole Fixing Charge**	Per No	
141	Fixing following rating, double pole, 240 volts, isolator in the existing MCB DB Complete with connections, testing and commissioning etc. as required.**40 Amps Replacing Charge**	Per No	
142	Fixing following rating, double pole, 240 volts, isolator in the existing MCB DB Complete with connections, testing and commissioning etc. as required.**40 Amps Fixing Charge**	Per No	
143	Fixing following rating, double pole, 240 volts, isolator in the existing MCB DB Complete with connections, testing and commissioning etc. as required. **63 Amps Replacing Charge**	Per No	
144	Fixing following rating, double pole, 240 volts, isolator in the existing MCB DB Complete with connections, testing and commissioning etc. as required. **63 Amps Fixing Charge**	Per No	
145	Fixing following rating, Four pole, 240 volts, isolator in the existing MCB DB Complete with connections, testing and commissioning etc. as required.**40 Amps Replacing Charge**	Per No	
146	Fixing following rating, Four pole, 240 volts, isolator in the existing MCB DB Complete with connections, testing and commissioning etc. as required.**40 Amps Fixing Charge**	Per No	
147	Fixing following rating, Four pole, 240 volts, isolator in the existing MCB DB Complete with connections, testing and commissioning etc. as required.**63 Amps Replacing Charge**	Per No	
148	Fixing following rating, Four pole, 240 volts, isolator in the existing MCB DB Complete with connections, testing and commissioning etc. as required.**63 Amps Fixing Charge**	Per No	
149	Fixing TP sheet steel enclosure on surface/ recess along with **16/25/32amps** 415 volts "C" curve TP MCB complete with connections, testing and commissioning etc. as required. **Replacing Charge**	Per No	
150	Fixing TP sheet steel enclosure on surface/ recess along with **16/25/32amps** 415 volts "C" curve TP MCB complete with connections, testing and commissioning etc. as required **Fixing Charge**	Per No	
151	Fixing 20 amps, 240 volts**, SPN industrial type, socket** outlet, with 2 pole and earth, metal enclosed plug top along with 20 amps "C" curve, SP/ DP / TP/ 4P MCB, in sheet steel enclosure, on surface or in recess, with chained metal cover for the socket out let and complete with connections, testing and commissioning etc. as required. **Replacing Charge**	Per No	
152	Fixing 20 amps, 240 volts**, SPN industrial type, socket** outlet, with 2 pole and earth, metal enclosed plug top along with 20 amps "C" curve, SP/ DP / TP/ 4P MCB, in sheet steel enclosure, on surface or in recess, with chained metal cover for the socket out let and complete with connections, testing and commissioning etc. as required. **Fixing Charge**	Per No	

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153	Installing on wall, testing and commissioning of following **capacity rising mains** made of 1.6mm thick sheet steel enclosure duly painted with powder coating, wall straps, fully PVC insulated 4 Nos aluminum bus bars in convenient sections and suitable for 415 volts, 3 phase, 4 wire, 50 Hz, A.C. supply with extension joints, fire proof barriers, expansion joints, thrust pads including jointing, and earthing with 2 runs of galvanized iron strips etc. as required. **200 amps Replacing Charge**	Per No	
154	Installing on wall, testing and commissioning of following **capacity rising mains** made of 1.6mm thick sheet steel enclosure duly painted with powder coating, wall straps, fully PVC insulated 4 Nos aluminum bus bars in convenient sections and suitable for 415 volts, 3 phase, 4 wire, 50 Hz, A.C. supply with extension joints, fire proof barriers, expansion joints, thrust pads including jointing, and earthing with 2 runs of galvanized iron strips etc. as required. **200 amps Fixing Charge**	Per No	
155	Installing, testing and commissioning of following capacity TPN tap off box made of 1.6mm thick sheet steel enclosure duly painted with powder coating on existing **rising mains complete with TPN disconnector FSU and HRC fuses, connections, earthing etc. 16 / 32 / 63 / 100 Amps TPN Replacing Charge**	Per No	
156	Installing, testing and commissioning of following capacity TPN tap off box made of 1.6mm thick sheet steel enclosure duly painted with powder coating on existing **rising mains complete with TPN disconnector FSU and HRC fuses, connections, earthing etc. 16 / 32 / 63 / 100 Amps TPN Fixing Charge**	Per No	
157	**Earthing with G.I. earth plate** 600 mm X 600 mm X 6 mm thick including accessories, and providing masonry enclosure with a cover plate having locking arrangement and watering pipe of 2.7 meters long, etc. with charcoal/ coke and salt as required. & Providing and fixing 4.00 / 8.00 mm dia GI wire on a surface or in recess for loop earthing along with existing surface/ recessed conduit/ submain wiring/ cable as required.	Per No	
158	**Earthing with Copper earth plate** 600 mm X 600 mm X 6 mm thick including accessories, and providing masonry enclosure with a cover plate having locking arrangement and watering pipe of 2.7 meters long, etc. with charcoal/ coke and salt as required. Providing and fixing 4.00 mm / 8.00 dia copper wire on a surface or in recess for loop earthing along with existing surface/ recessed conduit/ submain wiring/ cable as required.	Per No	
159	Earthing with GI Earth pipe 1 meter long, 40mm DIA including accessories and providing masonry enclosure with a cover plate as required	Per No	
160	Earthing with GI Earth pipe 2 meters long , 40mm DIA including accessories and providing masonry enclosure with cover plate as required	Per No	
161	Earthing with GI Earth pipe 3 meter long , 40mm DIA including accessories and providing masonry enclosure with cover plate as required	Per No	
162	Laying earth connection from earth electrode with 4.00 mm Dia copper wire in 15 mm dia GI pipe from earth electrode, as required	Per No	
163	Laying earth connection from earth electrode with 25 mm X 5 mm Dia copper / GI Flat Strip in 15 mm dia GI pipe from earth electrode, as required	Per No	
164	Fixing 4.00 mm DIA copper wire on surface or in recess for loop earthing along with existing surface / recessed conduit / Sub main/cable as required	Per No	
165	Laying 0.5 mm Telephone line wiring in surface / recessed PVC conduit,	Per No	
166	Drawing LAN Cable \ Co-axial TV cable RG-6 grade, 0.7 mm solid copper conductor PE insulated, shielded with fine tinned copper braid and protected with PVC sheath in the existing surface/recessed steel/ PVC conduit as required.,	Per No	
167	Labour rate for Electrical Helper	Per No	
168	Labour Rate for Excavator	Per No	

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169	UPS & Battery Dismantling Charges including Battery to UPS and UPS to Feeding Terminal point terminating Wires Switches Sockets etc.Up To 3 KVA Dismantling Charge	Per No	
170	UPS & Battery installation Charges including Battery to UPS and UPS to Feeding Terminal point terminating Wires Switches Sockets etc. Up To 3 KVA Installation Charge	Per No	
171	UPS & Battery Dismantling Charges including Battery to UPS and UPS to Feeding Terminal point terminating Wires Switches Sockets etc. Above 3 KVA to 5 KVA Dismantling Charge	Per No	
172	UPS & Battery installation Charges including Battery to UPS and UPS to Feeding Terminal point terminating Wires Switches Sockets etc. Above 3 KVA to 5 KVA Installation Charge	Per No	
173	UPS & Battery Dismantling Charge including Battery to UPS and UPS to Feeding Terminal point terminating Wires Switches Sockets etc. Above 5 KVA to 10 KVA Dismantling Charge	Per No	
174	UPS & Battery installation Charges including Battery to UPS and UPS to Feeding Terminal point terminating Wires Switches Sockets etc. Above 5 KVA to 10 KVA Installation Charge	Per No	
175	UPS & Battery Dismantling Charge including Battery to UPS and UPS to Feeding Terminal point terminating Wires Switches Sockets etc. Above 10 KVA Dismantling Charge	Per No	
176	UPS & Battery installation Charges including Battery to UPS and UPS to Feeding Terminal point terminating Wires Switches Sockets etc. Above 10 KVA Installation Charge	Per No	
177	**Pipe Size** 3 inches **Alloy** Fully Galvanized iron 1. Lighting poles must be supplied as per the specification only Include Supply and fixing the Waterproofed Cable junction box on 4' feet from the ground level for easy termination & testing. 2. RCC foundation size: 500 mm × 500 mm × 900 mm 3. Necessary Bolt, nut, RCC materials, painting & other fixing materials cost should be included. any other associated works as required by site condition. 4. Cost should include the Earthwork excavation including road cutting and restoration 5. Cost should include the Demobilization, clearing of all temporary works after completion of work 6. Any other item of work as may be required to be carried out for completing the work in all respects following the provisions to ensure the safety of installation during and after execution. Refer as per the **Fig. No:2,Page No:13**	Per No	

Signature and Seal of the Firm

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Description of work

Please provide the labor cost only. All of the above jobs will just require labor expenses.
All necessary supplies will be supplied by us.

1. **Cable laying Work:**

   Laying of one number XLPE power cable of 11 KV grade of following size in the existing RCC / HUME / METAL / existing masonry /open duct /pipe and Wall as required. **(For the sl.no from 11 to 22)**

2. **End Termination Work:**

   Making end termination with brass compression gland and aluminum lugs for following size of PVC insulated and PVC sheathed / XLPE aluminum conductor include with Gland Earthing. **(For the sl.no from 23 to 35)**

3. **UG Cable Joining Work:**

   Straight through Joint making outdoor end termination with cast resin compound / Heat shrink including aluminum lugs and other jointing Works for following size of PVC insulated and PVC sheathed / XLPE aluminum conductor cable of 1.1 kV grade as required. **(For the sl.no from 36 to 47)**

4. **UG Cable EB Service related Work:**

   One Number Installation, of testing and commissioning of Service Work by using UG Cable including fixing the Ariel Board at the Existing EB Pole, including Crimping, clamping, Binding , Welding etc. **(For the sl.no from 52 to 55)**

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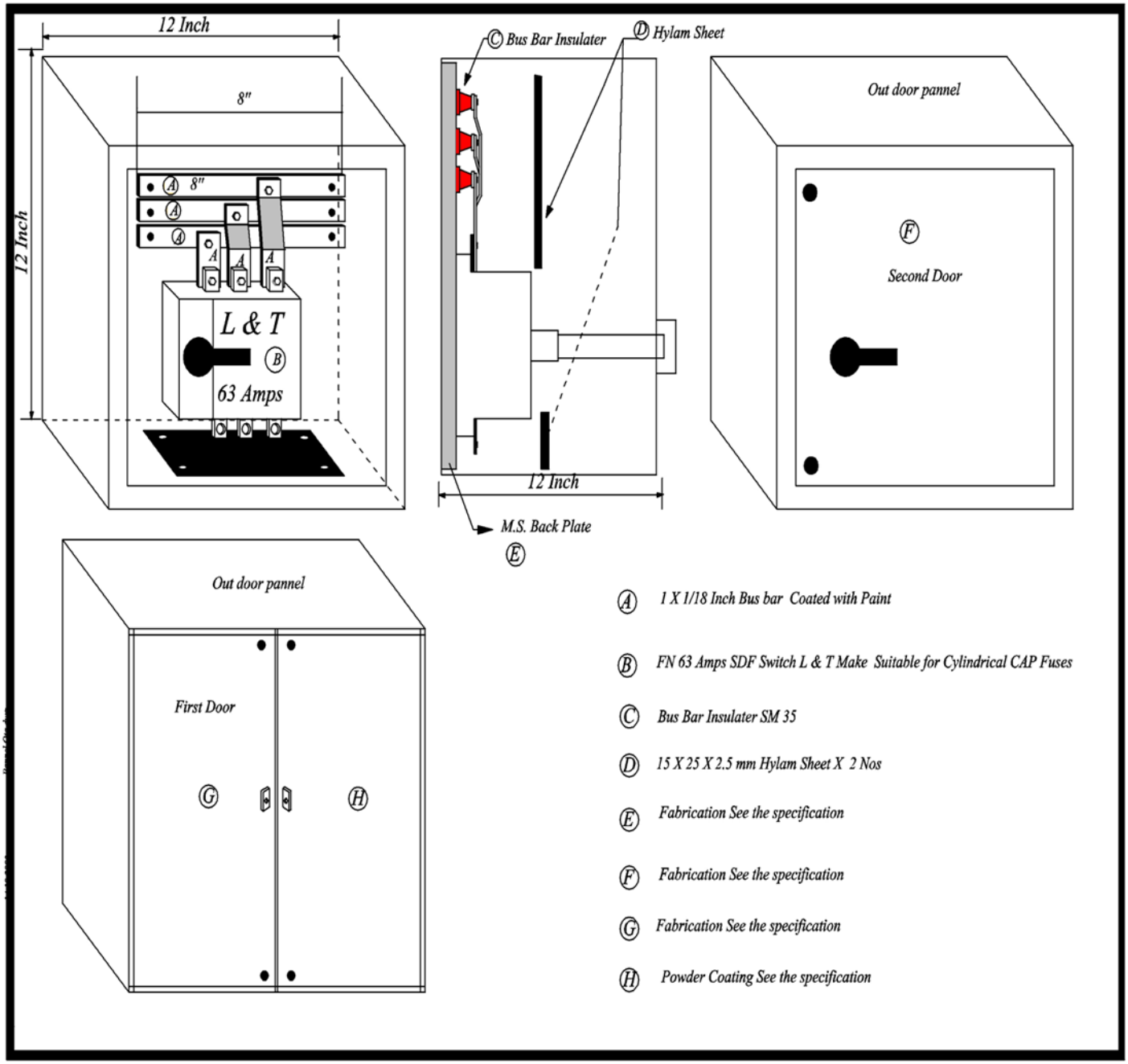

FIG:1

Annexure: 2

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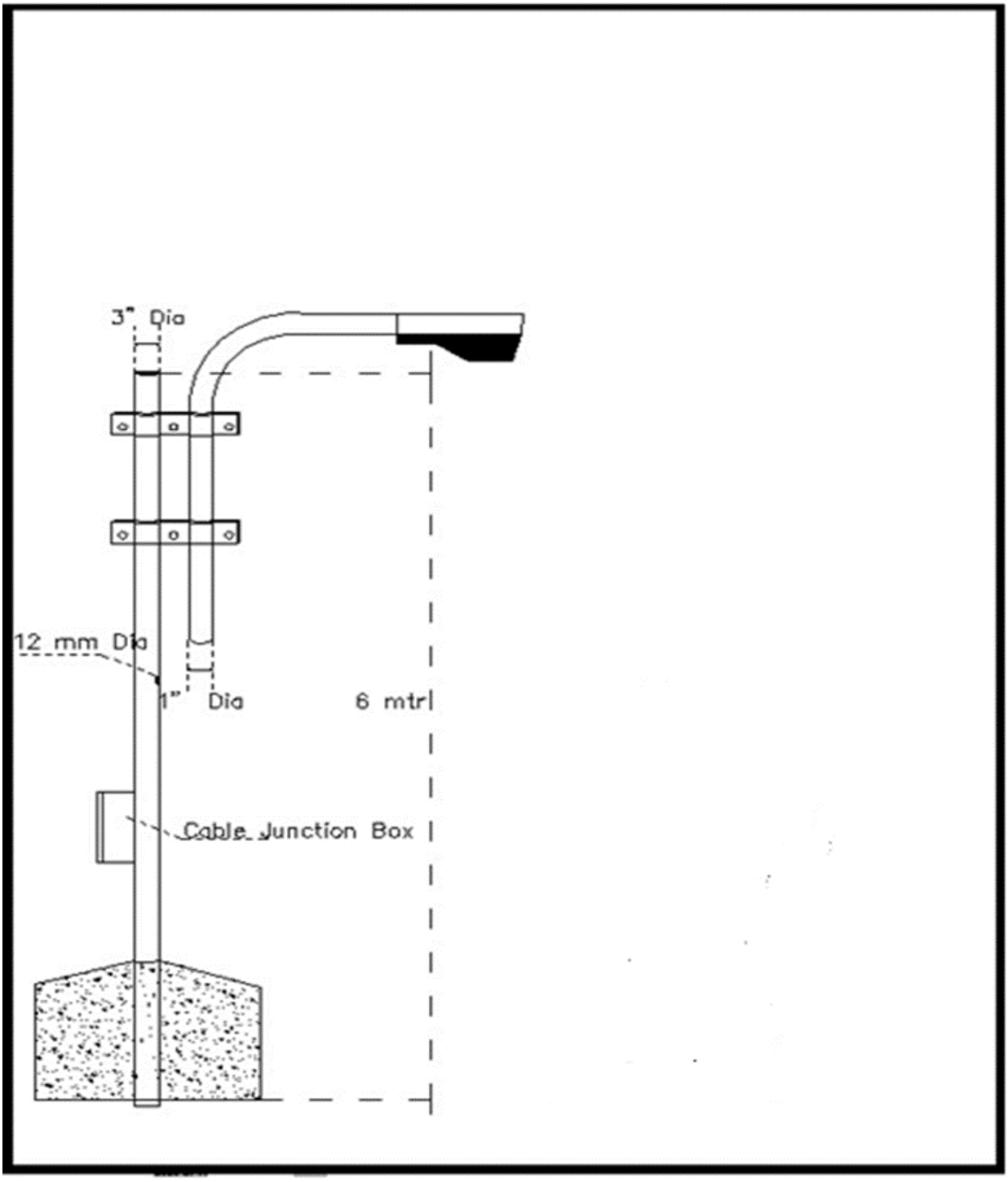

FIG :2