

## Bill Of Quantity (BOQ) & Price Bid Format

<b>AMC of Electrical Maintenance job at (Part A) ITPS Colony &amp; (Part B) AMC for Electrical Activity for New Infrastructure at ITPS Colony respectively for 2 years (Two Parts)</b>					
Sl.	Description	Unit	Qty	Rate (Rs)	Amount (Rs)
<b>Part- A: AMC for Electrical Maintenance jobs at ITPS Colony for 2 Years</b>					
1	Engagement of 1 no High Skilled Electrician for day to day maintenance work, (Line Man-'A') Having more than 10 years work experience upto 33 KV System ( Operation and maintenance of overhead line, Underground cable, Transmission and distribution system with Transformers, HT breaker and other electrical equipments), including all taxes, conveyance, T&P etc, as per direction of EIC.	Nos	730		
2	Engagement of High Skilled Electrician (Line man-B) in shift operation, Having more than 6 years experience in repair and maintenance of 33 KV System, LT distribution system, Street light, AC, Geyser, Water cooler, LT motors, DG set operation, including all taxes, conveyance, T&P etc. as per direction of EIC. (3 shift per day)	Nos	2920		
3	Engagement of Skilled Electrician (Line man-C/Wireman-B) in shift operation, Having more than 3 years experience & having knowledge for repair and maintenance of LT distribution system, Street lighting system, House and industrial wiring, including, conveyance, T&P etc. as per direction of EIC. (3 shift per day)	Nos	2920		
4	Engagement of Semi Skilled work men for day to day maintenance work. Having more than 2 years inline experience, including, conveyance, T&P etc. as per direction of EIC.	Nos	5110		
5	Engagement of one no of Super Skilled Air conditioner Technician for attending of day to day break down maintenance Air Conditioner/ Frezee/ Water cooler, Having more than 5 years work experience on repair, maintenance and installation of Window /Split / Cassate/ Ductable Air Conditioner upto 17 ton, including conveyance, T&P etc. as per direction of EIC.	Month	24		
6	Engagement of Electrical Engineer having Degree in electrical engineering with minium 7 (Seven) Years inline Experience in day to day maintenance of Electrical system in a Big Township and having good knowledge in electrical activity like estimation, erection and maintenance of LT & HT electrical power system, including all cost of payment, statutory benefits, safety items, conveyance, T&P etc. as per direction of EIC.	Month	24		
7	Engagement of Office Assistance for office management, complaint monitering, documentation & record keeping and having Graduation/MBA & computer skills and inline experience of minium 4 (Four) years for similar jobs including all cost of payment, statutory benefits, safety items, conveyance, T&P etc. as per direction of EIC.	Month	24		
	<b>Supply and fixing of following defective spare parts in 1.5/2 ton Air Conditioner as and when required, with supply of all spare parts material of approved make as advised by EIC, including conveyance, labour, T&amp;P, etc. as directed by EIC.</b>				
8	Capacitor running 10mfd, 6mfd, 4mfd, 2.5 mfd	Nos	15		
9	Starting capacitor 80/100 mfd & 100/120 mfd	Nos	15		
10	Capacitor running 36mfd, 45mfd, 50mfd, 50+2mfd, 50+4mfd, 50+6mfd	Nos	15		
11	Over load Relay 1622	Nos	2		
12	Sensor( Air/ cooling) for Window AC and Split AC of 1.5 ton & 2 ton	Nos	5		
13	Contactora 240 Volt, 1phsae for Air Conditioner	Nos	2		
14	Display for split AC and Window AC	Nos	5		
15	Compressor 1.5 ton	Nos	7		
16	Compressor 2.0 ton	Nos	7		
17	Compressor 5.5 ton	Nos	1		
18	Compressor 8.5 ton	Nos	1		
19	Blower for Split AC of 1.5 ton & 2 ton	Nos	4		
20	Blower for Window AC of 1.5 ton & 2 ton	Nos	1		
21	Motor of Blower for window AC of 2 ton	Nos	2		
22	Outdoor Fan motor for split AC 1.5 ton & 2 ton	Nos	2		
23	PCB for split AC and window AC of 1.5 ton & 2 ton	Nos	4		
24	Swing motor for split AC & window AC of 1.5 ton & 2 ton	Nos	4		
25	Fan Blade for window AC of 1.5 ton & 2 ton	Nos	1		
26	Outdoor fan blade for Split AC of 1.5 ton & 2 ton	Nos	4		
27	Condensor for Split AC of 1.5 ton & 2.0 ton	Nos	2		
28	Cooling coil for Split AC of 1.5 ton & 2.0 ton	Nos	1		
29	Copper Pipe with insulation of size 5/8", 3/8", 1/2", 1/4"	ft	100		

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<b>AMC of Electrical Maintenance job at (Part A) ITPS Colony &amp; (Part B) AMC for Electrical Activity for New Infrastructure at ITPS Colony respectively for 2 years (Two Parts)</b>					
Sl.	Description	Unit	Qty	Rate (Rs)	Amount (Rs)
30	Out door stand for split AC	Nos	2		
31	Split AC charging valve of 1.5 ton & 2.0 ton Split AC	Nos	4		
32	Split AC drain pipe	Nos	5		
33	Remote for Split AC & window AC of 1.5 ton & 2.0 ton	Nos	1		
34	Capaliry for window AC & Split AC of 1.5 ton & 2.0 ton	Nos	1		
	<b>Attending of leakage, vacumising and recharging of gas for the following Air Conditioners / equipmets inside ITPS Colony, complete with supply of R-22 gas of required quantity to ensure proper cooling with brezzing of copper pipes including conveyance, labour T&amp;P etc as directed by EIC.</b>				
35	1 to 2 Ton Split / Window / Cassett Air Conditioners	Nos	40		
36	5.5 ton ductable air conditioner	Nos	2		
37	8.5 ton ductable air conditioner	Nos	2		
38	Refrigerator	Nos	1		
39	Water Cooler	Nos	1		
40	Removal from its position, repair, rewinding and re-installation of following capacity LT motor, as and when required, with supply of all spare parts and materials, including conveyance, labour, T&P, Transportaton etc. as directed by EIC. The contractor has to provide warrentee for a period of minimum six months for the repaired motors from the date of its instalation. <b>0.5 KW motor, 3 phase, 415V</b>	Nos	4		
41	Removal from its position, repair, rewinding and re-installation of following capacity LT motor, as and when required, with supply of all spare parts and materials, including conveyance, labour, T&P, Transportaton etc. as directed by EIC. The contractor has to provide warrentee for a period of minimum six months for the repaired motors from the date of its instalation. <b>1.2 KW motor, 3 phase, 415V</b>	Nos	2		
42	Removal from its position, repair, rewinding and re-installation of following capacity LT motor, as and when required, with supply of all spare parts and materials, including conveyance, labour, T&P, Transportaton etc. as directed by EIC. The contractor has to provide warrentee for a period of minimum six months for the repaired motors from the date of its instalation. <b>3.75 KW motor, 3 phase, 415V</b>	Nos	1		
43	Removal from its position, repair, rewinding and re-installation of following capacity LT motor, as and when required, with supply of all spare parts and materials, including conveyance, labour, T&P, Transportaton etc. as directed by EIC. The contractor has to provide warrentee for a period of minimum six months for the repaired motors from the date of its instalation. <b>5.5 KW motor, 3 phase, 415V</b>	Nos	1		
44	Removal from its position, repair, rewinding and re-installation of following capacity LT motor, as and when required, with supply of all spare parts and materials, including conveyance, labour, T&P, Transportaton etc. as directed by EIC. The contractor has to provide warrentee for a period of minimum six months for the repaired motors from the date of its instalation. <b>7.5 KW motor, 3 phase, 415V</b>	Nos	1		
45	Removal from its position, repair, rewinding and re-installation of following capacity LT motor, as and when required, with supply of all spare parts and materials, including conveyance, labour, T&P, Transportaton etc. as directed by EIC. The contractor has to provide warrentee for a period of minimum six months for the repaired motors from the date of its instalation. <b>11 KW motor, 3 phase, 415V</b>	Nos	3		
46	Complete Rewinding & repairing of exhaust fan/wall fan /ceiling fan at ITPS Colony as & when required, complete with supply of all spare parts and materials such as bearing, capacitor, bush, clamps, connector etc including greasing and cleaning of fan , conveyance, labour T&P etc, as directed by EIC. Defective fans will be issued to the contractor from Department store and the same will be returned back by the party after completion of winding/ repairing to department store with proper record. The party has to provide minimum six months warrentee for the repaired fans from the date of its instalation.	Nos	200		
	<b>Supply and fixing of following material of approved make as advised by EIC, including all conveyance, labour, T&amp;P, etc. the existing manpower will be utilized for fixing of the materials as per direction of EIC.</b>				
47	Flush Type switch 6amp	nos	200		
48	Flush Type switch 16amp	nos	100		
49	Modular Switch 6 amp	nos	20		

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<b>AMC of Electrical Maintenance job at (Part A) ITPS Colony &amp; (Part B) AMC for Electrical Activity for New Infrastructure at ITPS Colony respectively for 2 years (Two Parts)</b>					
Sl.	Description	Unit	Qty	Rate (Rs)	Amount (Rs)
50	Modular Switch 16/20 amp	nos	20		
51	Modular two way switch 6 amp	nos	10		
52	Flush Type Socket 5pin 6 amp	nos	50		
53	Flush Type Socket 5pin 16 amp	nos	100		
54	Modular Socket 5pin 6amp	nos	20		
55	Modular socket 5pin 16/20amp	nos	20		
56	Angle holder	nos	100		
57	Batten Holder	nos	50		
58	Bulk Head Fitting	nos	10		
59	CFL, 20 watt	nos	50		
60	CFL cross pin type 18 watt	nos	50		
61	CFL 4 pin Type 36 watt	nos	50		
62	Tube light 40 Watt	nos	400		
63	Tube light 18/20 Watt	nos	50		
64	Tube light 28 watt t-5	nos	50		
65	Ballast 36/40 watt	nos	100		
66	Tube light starter	nos	200		
67	MH DE Lamp 150 Watt	nos	10		
68	MH Lamp 250 watt	nos	1		
69	MH Lamp 400 watt	nos	1		
70	MH Ballast 150 Watt	nos	5		
71	MH Ballast 250 Watt	nos	1		
72	MH Ballast 400 Watt	nos	1		
73	Ignitor	nos	10		
74	3pin Top 5 Amp	nos	15		
75	3 pin Top 15 Amp	nos	5		
76	Ceiling rose	nos	5		
77	Step Regulator for Fan (flush type 2mod)	nos	50		
78	Modular Fan Regulator( 1 or 2 Mod)	nos	5		
79	PVC Tape	nos	100		
80	3M Cable Tape HT & LT	nos	5		
81	PVC Board with Cover 4X4	nos	50		
82	PVC Board with Cover 4X6	nos	50		
83	PVC Board with Cover 6X8	nos	50		
84	PVC Board with Cover 8X10	nos	10		
85	PVC Board with Cover 10X12	nos	5		
86	PVC Pipe 20mm medium class	Mtr	5		
87	PVC Pipe 25mm medium class	Mtr	5		
88	PVC Bend 20 mm medium class	nos	5		
89	PVC Bend 25 mm medium class	nos	5		
90	Casing caping 22 mm	nos	50		
91	Casing caping 25 mm	Nos	50		
92	RCCB 2 Pole, 2 mod, 40 Amp, 30mA	nos	40		
93	RCCB 2 Pole, 4 mod, 40 Amp, 30mA	nos	10		
94	MCB 10 Amp, Single Pole, C-series	nos	10		
95	MCB 16 Amp, Single Pole, C-series	nos	10		
96	MCB 20 Amp, Single Pole, C-series	nos	10		
97	MCB 32 Amp, Single Pole, C-series	nos	10		
98	ELCB with MCB 40 Amp 30 mA with MCB 4pole	nos	5		
99	Capacitor 2.5 mfd, 440V (oil type)	nos	100		
100	Calling Bell (Ding Dong type)	nos	25		
101	Modular Bell Push Switch	nos	2		
102	Copper insulated wire 0.5 sqmm	Mtr	90		
103	Copper insulated wire 1.0 sqmm	Mtr	90		
104	Copper insulated wire 1.5 sqmm	Mtr	180		

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<b>AMC of Electrical Maintenance job at (Part A) ITPS Colony &amp; (Part B) AMC for Electrical Activity for New Infrastructure at ITPS Colony respectively for 2 years (Two Parts)</b>					
Sl.	Description	Unit	Qty	Rate (Rs)	Amount (Rs)
105	Copper insulated wire 2.5 sqmm	Mtr	180		
106	Copper insulated wire 4.0 sqmm	Mtr	90		
107	Copper insulated wire 6.0 sqmm	Mtr	90		
108	DP Main Switch 32Amp	nos	5		
109	45/60 Watt LED Electronic driver	nos	10		
110	160 Watt LED Electronic driver	nos	1		
111	Contactora 40A, 415V	nos	1		
112	Contactora 70A, 415V	nos	1		
113	Overload relay for 50 HP Motor Starter	nos	1		
114	Post top light fitting for Park	nos	5		
115	Bollard Light	nos	5		
116	Cutout 63 Amp	nos	5		
117	Timer for 50 HP Motor Starter	nos	1		
118	6 KW, Light chaser for fountain	nos	1		
119	Bush cutter machine with all accessories & spare Make-Sprayman Model- B-155 four stroke, Power-2 HP, Displacement(CC): 50, Tank: 800ml, Start mode: Manual, Driving Mode: WORM gear	Nos	1		
<b>Total Value Part A excluding GST (in Rs)</b>					
<b>Part- B: AMC for Electrical Activity for New Infrastructures at ITPS Colony for 2 Years</b>					
1	Engagement of Skilled Electrician (Line man-C/Wireman-B) in shift operation, Having more than 3 years experience & having knowledge for repair and maintenance of LT distribution system, Street lighting system, House and industrial wiring, including all conveyance, T&P etc. as per direction of EIC.	Nos	2920		
2	Engagement of Semi Skilled work men for day to day maintenance work. Having more than 2 years inline experience, including all conveyance, T&P etc. as per direction of EIC.	Nos	2920		
3	Engagement of Supervisor having Diploma in electrical Engg. with (2 Years inline Experience in day to day maintenance of Electrical system in a Big Township(more than 500 qtrs), including all conveyance, T&P etc. as per direction of EIC.	Nos	730		
	Supply and fixing of following defective spare parts in 1.5/2 ton Air Conditioner as and when required, with supply of all spare parts material of approved make as advised by EIC, including all conveyance, labour, T&P, etc. the existing manpower will be utilized for fixing the materials as per direction of EIC.				
4	Capacitor running 10mfd, 6mfd, 4mfd, 2.5 mfd	Nos	10		
5	Starting capacitor 80/100 mfd & 100/120 mfd	Nos	10		
6	Capacitor running 36mfd, 45mfd, 50mfd, 50+2mfd, 50+4mfd, 50+6mfd	Nos	10		
7	Over load Relay 1622	Nos	5		
8	Sensor( Air/ cooling) for Window AC and Split AC of 1.5 ton & 2 ton	Nos	5		
9	Contactora 240 Volt, 1phsae for Air Conditioner	Nos	2		
10	Display for split AC and Window AC	Nos	4		
11	Compressor 1.5 ton	Nos	5		
12	Compressor 2.0 ton	Nos	5		
13	Compressor 5.5 ton	Nos	1		
14	Compressor 8.5 ton	Nos	1		
15	Blower for Split AC of 1.5 ton & 2 ton	Nos	2		
16	Blower for Window AC of 1.5 ton & 2 ton	Nos	2		
17	Motor of Blower for window AC of 2 ton	Nos	2		
18	Outdoor Fan motor for split AC 1.5 ton & 2 ton	Nos	2		
19	PCB for split AC and window AC of 1.5 ton & 2 ton	Nos	5		
20	Swing motor for split AC & window AC of 1.5 ton & 2 ton	Nos	2		
21	Fan Blade for window AC of 1.5 ton & 2 ton	Nos	2		
22	Outdoor fan blade for Split AC of 1.5 ton & 2 ton	Nos	2		
23	Condensor for Split AC of 1.5 ton & 2.0 ton	Nos	2		

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<b>AMC of Electrical Maintenance job at (Part A) ITPS Colony &amp; (Part B) AMC for Electrical Activity for New Infrastructure at ITPS Colony respectively for 2 years (Two Parts)</b>					
Sl.	Description	Unit	Qty	Rate (Rs)	Amount (Rs)
24	Cooling coil for Split AC of 1.5 ton & 2.0 ton	Nos	2		
25	Copper Pipe with insulation of size 5/8", 3/8", 1/2", 1/4"	ft	100		
26	Out door stand for split AC	Nos	4		
27	Split AC charging valve of 1.5 ton & 2.0 ton Split AC	Nos	4		
28	Split AC drain pipe	Nos	10		
29	Remote for Split AC & window AC of 1.5 ton & 2.0 ton	Nos	2		
30	Capaliry for window AC & Split AC of 1.5 ton & 2.0 ton	Nos	2		
	Supply and and fixing with attending of leakage, vacumising and recharging of gas for the following Air Conditioners / equipments inside ITPS Colony, complete with supply of R-22 gas/ or other AC gas of required quantity to ensure proper cooling with breezing of copper pipes including all conveyance, labour T&P etc the existing manpower will be utilized for fixing of the materials as per direction of EIC..				
31	1 to 2 Ton Split / Window / Cassette Air Conditioners	Nos	20		
32	5.5 ton duct able air conditioner	Nos	2		
33	8.5 ton duct able air conditioner	Nos	2		
34	Refrigerator	Nos	2		
35	Water Cooler	Nos	2		
	Supply and fixing of following material of approved make as advised by EIC, including all conveyance, labour, T&P, etc. the existing manpower will be utilized for fixing of the materials as per direction of EIC.				
36	Modular Switch 6 amp	nos	20		
37	Modular Switch 16/20 amp	nos	20		
38	Modular two way switch 6 amp	nos	5		
39	Modular Socket 5pin 6amp	nos	20		
40	Modular socket 5pin 16/20amp	nos	20		
41	Angle holder	nos	20		
42	CFL, 20 watt	nos	30		
43	CFL cross pin type 18 watt	nos	20		
44	CFL 4 pin Type 36 watt	nos	30		
45	Tube light 40/ 36 Watt	nos	200		
46	Tube light 18/20 Watt	nos	100		
47	Tube light 28 watt t-5	nos	100		
48	LED Down light 12 Watt	nos	5		
49	LED Down light 5 Watt	nos	5		
50	Ballast 36/40 watt	nos	50		
51	Tube light starter	nos	100		
52	3pin Top 5 Amp	nos	10		
53	3 pin Top 15 Amp	nos	10		
54	Ceiling rose	nos	30		
55	Modular Fan Regulator( 1 or 2 Mod)	nos	30		
56	PVC Tape	nos	200		
57	ELCB with MCB 40 Amp 30 mA with MCB 4pole	nos	10		
58	MCB 10 Amp, Single Pole, C-series	nos	20		
59	MCB 16 Amp, Single Pole, C-series	nos	20		
60	MCB 20 Amp, Single Pole, C-series	nos	20		
61	MCB 32 Amp, Single Pole, C-series	nos	20		
62	Capacitor 2.5 mfd, 440V (oil type)	nos	100		
63	Calling Bell (Ding Dong type)	nos	30		
64	Modular Bell Push Switch	nos	10		
65	Copper insulated wire 1.0 sqmm, FR-LSH PVC insulated	Mtr	90		
66	Copper insulated wire 1.5 sqmm, FR-LSH PVC insulated	Mtr	90		

## Bill Of Quantity (BOQ) & Price Bid Format

**AMC of Electrical Maintenance job at (Part A) ITPS Colony & (Part B) AMC for Electrical Activity for New Infrastructure at ITPS Colony respectively, for the period 01/04/2021 to 31/03/2023 (2 years) (Two Parts)**

Sl.	Description	Unit	Qty	Rate (Rs)	Amount (Rs)
67	Copper insulated wire 2.5 sqmm, FR-LSH PVC insulated	Mtr	90		
68	Copper insulated wire 4.0 sqmm, FR-LSH PVC insulated	Mtr	90		
69	Copper insulated wire 6.0 sqmm, FR-LSH PVC insulated	Mtr	90		
70	Post top light fitting for Park	nos	5		
71	Bollard Light	nos	4		
72	Exhaust 200mm	nos	5		
<b>Total Value Part A excluding GST (in Rs)</b>					
<b>Total Value (Part A + Part B) excluding GST (in Rs)</b>					
<b>Rupees</b>					
<b>GST EXTRA AT ACTUALS, APPLICABLE GST % ALONG WITH HSN &amp; SAC CODE TO BE MENTIONED IN THE OFFER</b>					