



SARDAR PATEL INSTITUTE OF TECHNOLOGY
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S.P.I.T./ELECTRICAL MAINTENANCE/2022-23

Date: 23-04-2022

M/S-----

Subject: - Inviting Quotation for Providing Electrical Maintenance Services at S.P.I.T.

Dear Sir/Madam,

Sealed quotations are invited for the following category of security personnel (ex-servicemen).
Last date for receiving quotations, **28-04-2022**

1. Terms & Conditions

(a) The work of electrification shall be carried out after the layout is finalized and as per the instructions given from time to time by **College Authorities**. The electrical installation shall be as per the Indian standard codes and in conformity with Indian Electricity Rules 1956, as amended up to date, and also the relevant regulations of licensee.

(b) Contractors shall have to adhere to the specifications as per current Electrical standards, IS codes.

(c) The scope of electrification work will include providing labor, material, transport, insurance security, clearing of site, handing over and one year free maintenance of the work from the date of commissioning. The material used shall be new and of makes specified or approved. Any work where specifications are not clear, relevant provision in I.S. or Indian Elec. Rules shall be followed. Decision of **College Authorities** of the institute and direction in such cases shall be final. The scope also includes obtaining necessary certification from the competent authorities, as per Indian electricity rules.

(d) **The contract** will be valid from 01st May 2022 to 31st March 2023. However, may further get extended year on year, on mutual consent.

(e) The safety of workmen at site shall be the responsibility of the contractor. He shall insure asset and workmen including third party damage. No claim or compensation for accident or loss life shall be the liability of the institute.

(f) The contractor shall provide all safety gadgets, personal safety equipment to workmen at site, shall issue identity cards to them, which shall be produced on demand by the institute staff.

(g) Bidder is expected to give services as spelled out in deliverables. In case of non-compliance, delay, absentia, the Institute will impose appropriate fine on case-to-case basis. INSTITUTE reserves all rights for this fine and will not be deliberated.

2. Modus Operandi:

[A] For routine maintenance

- The complaints from various stake holders of the institute will be received and attended promptly by the electrical staff deputed by the contractor. The contractor will submit the report to the authority at the end of every month regarding the maintenance detailing the complaints received, actions taken, complaints discharged etc. and the report of daily maintenance of various electrical gadgets as per the specified format. These formats will be provided by the authorities to the bidder. Systematic records regarding complaints, time required for maintenance work and the material consumed will be carried out by service provider and made available time to time to the authorities of the institute. The material required will be stored in the institute. The service provider has to get the material from stores in batches and give systematic consumption records for the same. Time to time, such material will be supplied to the stores of institute, by the service provider, with the rates fixed as per schedule B of this tender.

On working days, one electrician needs to be provided from 9 am to 6 pm

[B] New Electrification and Installations / Removal of old electrification and new electrification

- The stake holders of the institute needing such type of work will put up such request to the authorities through a proper format.
- If approved, Institute Authority will direct the agency to study the requirement.
- The representation of the service provider will visit the site and discuss with the stake holder and prepare the electrical layout and bill of quantity (estimate) specifying the make of the all items. The make should be from the list given in this tender. The drawings and BOQ will be certified by the authorities of the institute.
- The necessary material will be supplied by the service provider as per the rates **[to be approved with this tender]**
- On the completion of work, the user stake holder will certify the execution of the work as per requirements. The measurements prepared by the service provider will be inspected by the authority of the institute. The service provider will make

the bill for the executed work for labor and material required as per approved rates.

- The bills prepared by the service provider, bimonthly for schedule-[A] and schedule-B will be certified by the authorities for necessary payment.
- One certified electrician with ITI qualification must be deputed exclusively for the site.

[C] Material supply

All the materials required to execute works in [A] or [B] will be supplied by the service provider as per the rates approved with this tender. In case any item which is not indicated in [B] is needed, the bidder will supply it with market rate and 10 % profit over it. A rate analysis will be carried out by the bidder. However, pre-approval of college authorities will be needed for all such items.

3. Eligibility Criteria:

- The service provider should have valid **Electrical Contractors License** and experience of working with Central Govt., State Govt., multinational companies etc.
- The service provider should have executed similar type of works in the Educational Institutes / University especially technical educational institutes.
- The bidder should have minimum annual turnover of Rs. 10Lacs per annum for last two consecutive years.
- Supplier should have minimum **5 member work force**.
- Supplier should have minimum **1** electrical engineers [BE/Diploma] in the work force, and **valid electrical supervisor license**.

4. Expected Deliverables:

Schedule-A:

S.P.I.T. is looking for a single agency that will perform all regular, scheduled maintenance and supervision work and will be responsible for quality service related to electrical works/activities. It is expected to accomplish the following jobs with specified frequency. It should have an on-site electrician exclusively deputed for S.P.I.T.

Duties of the agency are: -

1. It should inspect, perform schedule maintenance for all the contactors, switchgears in LT panels once in six months.

2. It should carry out the survey of all the earthing systems throughout the institute once in every three months. Should confirm regarding resistance by Megger tests, charcoal, water content etc.
3. Check for functionality of the existing fire extinguisher/firefighting equipment/Fire Protection system.
4. The bidder is also expected to do necessary liaison Ing with the MSEDCL/ADANI POWER in case of power failures or associated issues.
5. The bidder is expected to attend immediately all types of LT cable faults.
6. The bidder is also expected to routinely inspect, clean the LT panels at diversified locations in the institute once in every 3 months. The inspection report needs to be submitted to the authorities.
7. The bidder will also visit all UPS systems installed in the institute monthly and submit the inspection report, will liaison with the AMC agency for the UPS and ensure that periodic check and timely maintenance is carried out by the agency identified by the institute.
8. The bidder will also liaison with the Lift providers for the necessary maintenance and ensure that Lift provider is providing regular service.
9. The bidder will also visit all UPS systems installed in the institute monthly and submit the inspection report. Will liaison with the AMC agency for the UPS and ensure that periodic check and timely maintenance is carried out by the agency identified by the Hostel.

5. Approved makes / brand:

SR. No	Item Discription	Makes / Brand
1	2	3
1	H. T. Switchgear	Schneider
2	L. T. switchgear	
A)	Enclosed in Sheet Steel with H. R. C. Fuses for 63 Amp and above	L & T
B)	Circuit Breakers (Moulded Cases)	L & T / Legrand
C)	Miniature Circuit Breaker	Legrand
D)	TPL / DP Switches / Isolators	Legrand
E)	Rotary CAM type, Selector Switch	Siemens
F)	Start / Stop push Button Stations	L & T
G)	Contactors	L & T
I)	Indicating Lamp (Neon type)	Siemens
J)	Earth Leakage circuit Breakers	Legrand
K)	HRC Fuse	L & T
3	Distribution Boards	Legrand

4	Cables	Polycab
5	FR wires	Polycab
6	Conduit Rigid PVC Conduit and Accessories	Modi / Diamond
7	PVC Casing-n-capping	Modi
8	Piano Switches All	Legrand
9	Wall Socket and Plugs metal clad (ray roll type)	Legrand
10	Special Accessories concealed / decorative(plate switches)	Legrand
11	Two / Three core flexible wires	Polycab
12	Lamps – GLS filament	Philips
13	Exhaust fan / pedestal fan / air circuit breakers	Crompton
14	Ceiling fan with double ball bearing	Crompton
15	BLDC energy efficient Ceiling fan	Orbit /Crystal / Atomberg / Micro Instruments
16	Digital Multifunction Meters	Rishabh
17	Electronic Ballast	Philips
18	Fans Electronic regulator	Anchor
19	Luminaries & Lamps-LED	Philips, Wipro

6. Tender submission& Evaluation:

Tender document

All interested bidders fulfilling the eligibility criteria may use the tender document downloaded from our website (www.spit.ac.in). The non refundable tender fees of Rs. 1000/- in the form of cash receipt or Demand Draft drawn in favor of “The Principal, Sardar Patel Institute of Technology”, payable at Mumbai must be attached with the commercial bid. The bidders need to prove the eligibility by submitting the necessary documents.

Evaluation of the quotations

- The Principal, S.P.I.T. **reserves all rights** to accept / reject any one / all offers **without** assigning reasons thereof at any point of the tender process.
- The **rights to terminate the contract** at any time without assigning any reasons **are also reserved**
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7. SCHEDULE A:

Material supply rates

SR NO.	DESCRIPTION	MAKE	QTY	UNIT	RATE
1	10 AMP SWITCH	ANCHOR(SADA)	1	Nos	
2	10 AMP SOCKET	ANCHOR (SADA)	1	Nos	
3	FAN STEP REGULETER SWITCH TYEP	ANCHOR (SADA)	1	Nos	
4	FAN STEP REGULETER SOCKET TYEP	ANCHOR (SADA)	1	Nos	
5	TELEPHONE SOCKET	ANCHOR (SADA)	1	Nos	
6	2 PIN SOCKET	ANCHOR (SADA)	1	Nos	
7	INDICATOR SWITCH TYEP	ANCHOR (SADA)	1	Nos	
8	BELL SWITCH	ANCHOR (SADA)	1	Nos	
9	BELL	ANCHOR (SADA)	1	Nos	
10	15 AMP COMBIND	ANCHOR (SADA)	1	Nos	

11	BED SWITCH	ANCHOR (SADA)	1	Nos	
12	1 ,2,3 WAY BOX	SUNWOOD	1	Nos	
13	4,5,6 WAY BOX	SUNWOOD	1	Nos	
14	6 X 8,8X10 SNWOOD BORED	SUNWOOD	1	Nos	
15	10 X 12 SNWOOD BORED	SUNWOOD	1	Nos	
16	6 X 8,8X10 SNWOOD BORED CTTING	SUNWOOD	1	Nos	
17	10 X 12 SNWOOD BORED CTTING	ANCHOR (SADA)	1	Nos	
18	10 AMP TOP	ANCHOR (SADA)	1	Nos	
19	16 AMP TOP		1	Nos	
20	10 AMP SWITCH	ANCHOR (ROMA)	1	Nos	
21	10 AMP SOCKET	ANCHOR (ROMA)	1	Nos	
22	FAN STEP REGULETER SWITCH TYEP	ANCHOR (ROMA)	1	Nos	
23	FAN STEP REGULETER SOCKET TYEP	ANCHOR (ROMA)	1	Nos	
24	TELEPHONE SOCKET	ANCHOR (ROMA)	1	Nos	
25	2 PIN SOCKET	ANCHOR (ROMA)	1	Nos	
26	INDICATOR SWITCH TYEP	ANCHOR (ROMA)	1	Nos	
27	BELL SWITCH	ANCHOR (ROMA)	1	Nos	
28	16 AMP SWITCH	ANCHOR (ROMA)	1	Nos	
29	16 AMP SOCKET	ANCHOR (ROMA)	1	Nos	
30	BLANK PLATE	ANCHOR (ROMA)	1	Nos	
31	12 M PLATE	ANCHOR (ROMA)	1	Nos	
32	8 M PLATE	ANCHOR (ROMA)	1	Nos	
33	6 M PLATE	ANCHOR (ROMA)	1	Nos	
34	4 M PLATE	ANCHOR (ROMA)	1	Nos	
35	3 M PLATE	ANCHOR (ROMA)	1	Nos	
36	2,1M PLATE	ANCHOR (ROMA)	1	Nos	

37	18 M PLATE	ANCHOR (ROMA)	1	Nos	
38	12 M BOX	ANCHOR (ROMA)	1	Nos	
39	8 M BOX	ANCHOR (ROMA)	1	Nos	
40	6 M BOX	ANCHOR (ROMA)	1	Nos	
41	4 M BOX	ANCHOR (ROMA)	1	Nos	
42	3 M BOX	ANCHOR (ROMA)	1	Nos	
43	2,1 M BOX	ANCHOR (ROMA)	1	Nos	
44	18 BOX	ANCHOR (ROMA)	1	Nos	
45	63 AMP 4 P MCB	LEGRAND	1	Nos	
46	63 AMP 3 P MCB	LEGRAND	1	Nos	
47	63 AMP 2 P MCB	LEGRAND	1	Nos	
48	63 AMP SPMCB	LEGRAND	1	Nos	
49	32,40 AMP 4 P MCB	LEGRAND	1	Nos	
50	32,40 AMP 3 P MCB	LEGRAND	1	Nos	
51	32,40 AMP 2 P MCB	LEGRAND	1	Nos	
52	10,16,25,32 AMP SP MCB	LEGRAND	1	Nos	
53	63 AMP 4 POLE ELCB	LEGRAND	1	Nos	
54	63 AMP 2 POLE ELCB	LEGRAND	1	Nos	
55	8 WAY DB	LEGRAND	1	Nos	
56	6 WAY B	LEGRAND	1	Nos	
57	4 WAY DB	LEGRAND	1	Nos	
58	12,10,8 SPMCB BOX	LEGRAND	1	Nos	
59	4,6 SPMCB BOX	LEGRAND	1	Nos	
60	2 SPMCB BOX	LEGRAND	1	Nos	
61	63 AMP 4 P MCB	INDO ASIAN	1	Nos	
62	63 AMP 3 P MCB	INDO ASIAN	1	Nos	
63	63 AMP 2 P MCB	INDO ASIAN	1	Nos	
64	63 AMP SPMCB	INDO ASIAN	1	Nos	
65	32,40 AMP 4 P MCB	INDO ASIAN	1	Nos	
66	32,40 AMP 3 P MCB	INDO ASIAN	1	Nos	
67	32,40 AMP 2 P MCB	INDO ASIAN	1	Nos	
68	10,16,25,32 AMP SP MCB	INDO ASIAN	1	Nos	
69	63 AMP 4 POLE ELCB	INDO ASIAN	1	Nos	
70	63 AMP 2 POLE ELCB	INDO ASIAN	1	Nos	
71	8 WAY DB	INDO ASIAN	1	Nos	
72	6 WAY B	INDO ASIAN	1	Nos	
73	4 WAY DB	INDO ASIAN	1	Nos	
74	12,10,8 SPMCB BOX	INDO ASIAN	1	Nos	

75	4,6 SPMCB BOX	INDO ASIAN	1	Nos	
76	2 SPMCB BOX	INDO ASIAN	1	Nos	
77	1.5 WIRE	POLYCAB	1	Mtr	
78	2.5 WIRE	POLYCAB	1	Mtr	
79	4 MM WIRE	POLYCAB	1	Mtr	
80	6 MM WIRE	POLYCAB	1	Mtr	
81	1 MM WIRE	POLYCAB	1	Mtr	
82	1.5 X 2CORE COPPER CABLE	POLYCAB	1	Mtr	
83	1.5 X 3CORE COPPER CABLE	POLYCAB	1	Mtr	
84	1.5 X 4CORE COPPER CABLE	POLYCAB	1	Mtr	
85	2.5 X 2 CORE COPPER CABLE	POLYCAB	1	Mtr	
86	2.5 X 3 CORE COPPER CABLE	POLYCAB	1	Mtr	
87	2.5 X 4 CORE COPPER CABLE	POLYCAB	1	Mtr	
88	4MM X 2 CORE COPPER CABLE	POLYCAB	1	Mtr	
89	4MM X 3 CORE COPPER CABLE	POLYCAB	1	Mtr	
90	4MM X 4 CORE COPPER CABLE	POLYCAB	1	Mtr	
91	1.5 MM X 2 CORE FLEXIBEL CABLE	POLYCAB	1	Mtr	
92	1.5 MM X 3 CORE FLEXIBEL CABLE	POLYCAB	1	Mtr	
93	2.5 MM X 2 CORE FLEXIBEL CABLE	POLYCAB	1	Mtr	
94	2.5 MM X 3 CORE FLEXIBEL CABLE	POLYCAB	1	Mtr	
95	LED TUBE	PHILPS	1	Nos	
96	LED FITTING 20 W 4 FEET	SYSKA	1	Nos	
97	LED FITTING 20 W 2 FEET	SYSKA	1	Nos	
98	22 PANEL LIGHT	E LITE	1	Nos	
99	18,12 PANEL LIGHT	E LITE	1	Nos	
100	6W COB LED LIGHT	E LITE	1	Nos	
101	12 LED BLUB	OSRAM	1	Nos	
102	7W LED BLB	OSRAM	1	Nos	
103	HELOGEN FITTING	NORMAL	1	Nos	
104	1000,500 W TUBE	PHILPS	1	Nos	
105	AC METEL SOKET, TOP	ANCHOR	1	Nos	
106	AC BOX	ANCHOR	1	Nos	
107	7.5 HP STATER	LEGRAND	1	Nos	
108	ANGAL HODER	ANCHOR	1	Nos	
109	SQRE BOX	NORMAL	1	Nos	
110	ROND TP	NORMAL	1	Nos	
111	ROYAL PLUG	NORMAL	1	Nos	
112	PVC TAPE	STELL GREEP	1	Nos	
113	SCREW 30X 8 ,35 X 8	NORMAL	1	Nos	
114	SCREW 45X 8 ,50 X 8	NORMAL	1	Nos	
115	METAL SCREW 19X 6,13 X 6	NORMAL	1	Nos	
116	METAL SCREW 25X 6,45 X 6	NORMAL	1	Nos	
117	36,48 CEILING FAN (HIGH SPEED)	CROMPTON	1	Nos	

118	2.5 FAN ROD	CROMPTON	1	Nos	
119	FAN BLADE	CROMPTON	1	Nos	
120	FAN CANOPEE	CROMPTON	1	Nos	
121	FAN CYCLE	CROMPTON	1	Nos	
122	FAN CAPECITOR	CROMPTON	1	Nos	
123	12" EXHAST FAN	CROMPTON	1	Nos	
124	9" EXHUAST FAN	CROMPTON	1	Nos	
125	40w tube	PHILPS	1	Nos	
126	40 W ELECTRONIC COWK	PHILPS	1	Nos	
127	40 W BLUB	NORMAL	1	Nos	
128	50W COB FITTING	ELITE	1	Nos	

1	Total of Schedule A	Rs.	
2	Taxes as applicable	Rs.	
3	Grand Total of Schedule A	Rs.	

Institute reserves all rights for the bid evaluation. Either all above items will be considered separately, or grouped appropriately or grouped in total.

8. Schedule B:

LABOUR RATE QUOTATION

Sr. No.	DESCRIPTION	QTY	Unit	RATE
1	Light / Fan point from switch board to light point	1	Nos	
2	5 amps. Plug point primary from lighting distribution board to plug	1	Nos	
3	Light & 5 amps. Plug point mounted with other switch board	1	Nos	
4	15 amps. Plug point primary from distribution board to plug	1	Nos	
5	Call bell point	1	Nos	
6	2way light point	1	Nos	
7	Circuit wiring from lighting 15 amps power plug point from D/B	1	Rft	
8	4mm single PVC copper standard with 2.5mm green single PVC earth			
	wire for amps plug	1	Rft	
9	Pvc conduit system for camera, speaker and lan wiring			
	a)19&20mm PVC conduit & casing laying	1	Rft	
	b) 25mm PVC conduit & casing laying	1	Rft	

	c) 32mm PVC conduit & casing laying	1	Rft	
10	TELEPHONE WIRING			
	Cat-6wire in laid PVC for telephone	1	Rft	
	1 no RJ-11 telephone socket outlet with Backbox	1	Rft	
	10 pair telephone krone connector in MS powder coated encl	1	Rft	
	20 pair telephone krone connector in MS powder coated encl	1	Rft	
	To pull 3 pair telephone Wire	1	Rft	
	To pull 5 pair telephone Wire	1	Rft	
	To pull 10 pair telephone Wire	1	Rft	
	To pull 20 pair telephone Wire	1	Rft	
	To pull 3 pair telephone Cable	1	Rft	
	To pull 5 pair telephone Cable	1	Rft	
	To pull 10 pair telephone Cable	1	Rft	
	To pull 20 pair telephone Cable	1	Rft	
11	CCTV WIRING			
	4 + 1 camera wire laying	1	Rft	
	Camera connection & fixing	1	Nos	
	Dvr system remove & fixing	1	Nos	
12	DATA CABLE WIRING			
	Wiring for comp using CAT-6 Cable laid in PVC Conduct	1	Rft	
	1 no RJ-45 data socket outlet with back box	1	Nos	
	24 port Giga Unmanaged switch remove & fixing	1	Nos	
	24 port Giga patch panel fixing	1	Nos	
	WIFI Router fixing	1	Nos	
	Rj-45 crimping	1	Nos	
	Wall rack fixing	1	Nos	
	Ferruling, Labelling, Testing	1	Nos	
	Dual RJ-45 data socket outlet with back box	1	Nos	
	fiber cable laying	1	Rft	
	Networking point checking lab (qty 40)	1	Nos	
	Networking rack clean & dressing	1	Nos	
13	To Install, Test & Commission of main 4 way Distribution Board	1	Nos	
14	To Install, Test & Commission of main 6 way Distribution Board	1	Nos	
15	To Install, Test & Commission of main 8 way Distribution Board	1	Nos	
16	To Install 100 & 125 amps D/T MCCB with enclosure	1	Nos	
17	To Install 160 amps D/T MCCB with enclosure	1	Nos	
18	To Install 200 amps D/T MCCB with enclosure	1	Nos	
19	To Install 32 amps switch Fuse unit	1	Nos	
20	To Install 63 amps switch Fuse unit	1	Nos	
21	To Install 100 amps switch Fuse unit	1	Nos	
22	To Install 120 amps switch Fuse unit	1	Nos	

23	To Install 125 amps switch Fuse unit	1	Nos	
24	To Install 160 amps switch Fuse unit	1	Nos	
25	To Install 200 amps switch Fuse unit	1	Nos	
26	To Install 250 amps switch Fuse unit	1	Nos	
27	TPN MCB/ELCB with metal box fixing & connecting	1	Nos	
28	1.5sqmm x 3& 4 wire along with 4sqmm x 1 wire as earthing	1	Rft	
29	2.5sqmm x 3& 4 wire along with 4sqmm x 1 wire as earthing	1	Rft	
30	4sqmm x 3& 4 wire along with 4sqmm x 1 wire as earthing	1	Rft	
31	6sqmm x 3&4 wire along with 4sqmm x 1 wire as earthing	1	Rft	
32	10sqmm x 4 wire along with 4sqmm x 1 wire as earthing	1	Rft	
33	16sqmm x 4 wire along with 4sqmm x 1 wire as earthing	1	Rft	
34	Fan Hooks	1	Nos	
35	To Install 20 amps industrial socket , Top	1	Nos	
36	1.5 & 2.5sqmm x 2/4 core copper cable	1	Rft	
37	4sqmm x 3&4 Core copper cable	1	Rft	
38	6sqmm x 3&4 Core copper cable	1	Rft	
39	10sqmm x 4 Core copper cable	1	Rft	
40	16sqmm x 4 Core copper cable	1	Rft	
41	25sqmm x 4 Core copper /Aluminum cable	1	Rft	
42	35sqmm x 4 Core copper /Aluminum cable	1	Rft	
43	50sqmm x 3 1/2 Core Aluminum cable	1	Rft	
44	95sqmm x 3 1/2 Core Aluminum cable	1	Rft	
45	120sqmm x 3 1/2 Core Aluminum cable	1	Rft	
46	240sqmm x 3 1/2 Core Aluminum cable	1	Rft	
47	END Termination with gland & lugs			
	a) 1.5/2.5/4sqmm x 2/4 core copper cable	1	Nos	
	b) 6/10sqmm x 4 core copper cable	1	Nos	
	c) 16sqmm x 4 core copper cable	1	Nos	
	d) 25sqmm x 4 core copper cable	1	Nos	
	e) 35sqmm x 4 core copper cable	1	Nos	
	f) 50sqmm x 4 core Aluminum cable	1	Nos	
	g) 95sqmm x 3 1/2 core Aluminum cable	1	Nos	
	h) 120sqmm x 3 1/2 core Aluminum cable	1	Nos	
	i) 240sqmm x 3 1/2 core Aluminum cable	1	Nos	
48	CABLE			
	2c & 3c x 1.5sqmm copper & Aluminum Armored Cable	1	Rft	
	2c & 3C x 2.5sqmm Copper & Aluminum Armored Cable	1	Rft	
	2c & 3C x 4sqmm Copper & Aluminum Armored Cable	1	Rft	
	2c & 3C x 6sqmm copper & Aluminum Armored cable	1	Rft	
49	To Install AC metal box complete with 20amps			
	Industrial socket, Top & SPMCB	1	Nos	
50	Flexible cable			
	1.5 x 3 core ya 2 core cable	1	Nos	

	2.5 x 3 & 4 core cable	1	Nos	
	4mm x 3 core ya 4 core cable	1	Nos	
51	To Install test & connect following light fitting & fan			
	a) 1 x 40 watts patty light fixing & led fitting	1	Nos	
	b) led fitting in ceiling with pop cutting	1	Nos	
	c) Ceiling fan fixing	1	Nos	
	d) Call bell fixing	1	Nos	
	e) Exhaust fan fixing	1	Nos	
	f) Bell fixing	1	Nos	
	g) Switch bound fixing with new switch & connection			
	6" x 8"	1	Nos	
	8" x 10"	1	Nos	
	10" x 12"	1	Nos	
	h) wall fan rewining bushing	1	Nos	
	i) Ceiling fan rewinding 48"	1	Nos	
	j) Bearing replacement	1	Nos	
	k) Ceiling fan remove & fixing	1	Nos	
	l) Exhaust fan repairing 9"	1	Nos	
	m) Exhaust fan repairing 12"	1	Nos	
	n) Exhaust fan repairing 18"	1	Nos	
	o) Exhaust fan repairing 24"	1	Nos	
	p) LED strip light	1	Rft	
	q) LED strip light driver connection	1	Nos	
	r) LED Tube fixing	1	Nos	
	t) LED panel fitting	1	Nos	
	s) LED tv with bracket 32,42 inch	1	Nos	
52	EARTHING			
	Ground earthing	1	Nos	
	300 x 300 3mm copper earth station	1	Nos	
	25 x 3mm copper, GI Strip	1	Rft	
	8 swig copper GI earth wire	1	Rft	
53	SWITCH BOARD FIXING & CONNETING			
	a) 1 & 2 Module	1	Nos	
	b) 3 & 4 Module	1	Nos	
	c) 6 & 8 Module	1	Nos	
	d) 12 & 18 Module	1	Nos	
	e) SWITCH BORED SHIFTING with wire & casing	1	Rft	
54	PA SYSTEM			
	Celling Speaker- Fixing	1	Nos	
	Speaker wire laying	1	Rft	
	25 mm PVC conduct for PA system	1	Rft	
	Projector fixing	1	Nos	
	VGA Cable laying	1	Rft	

	HDMI Cable laying	1	Rft	
	2" x 2" trunk pvc & gi	1	Rft	
	4" x 2" trunk pvc & gi	1	Rft	
	4" x 4" gestion	1	Nos	
55	MAIN SWITCH			
	63A TPN SFU with 3 no HRC fuse links of suitable ratings & cable			
	end box main panel	1	Nos	
	32A /40A DP MCB	1	Nos	
	6/10/16/25 A SPMCB	1	Nos	
	63/40A 4 pole MCB	1	Nos	
	63/40A 4 pole ELCB+MCB	1	Nos	
	2way & 4way Metal box fixing	1	Nos	
	250 x 250 x 50mm flooring box fixing	1	Nos	
56	Repairing			
	a) tube Light repairing	1	Nos	
	b) celling fan repairing	1	Nos	
	c) geyser repairing	1	Nos	
	d)switch board repairing	1	Nos	
	e) switch, socket, regulator fixing in bored	1	Nos	
	f) tripping	1	Nos	
	g) shot circuit in bored	1	Nos	
	h) pl, led, blub repairing	1	Nos	
	i) halogen repairing	1	Nos	
	k) flade light repairing	1	Nos	
	i)32amp dp switch repairing	1	Nos	
57	Disconnect old light, fan, wires, casing, pipe for remove in room & temporary 1no light,1no plug & switch for room.	1	Nos	
58	Program waiting labor job	1	Nos	
59	Generator connection on program	1	Nos	
60	Per lab,office,Classroom checking in light, plug ,ceiling fan ,switch bored	1	Nos	
61	7.5 Water pump repairing	1	Nos	
62	Spider machine clean & repairing	1	Nos	
63	Washing machine repairing	1	Nos	
64	All light fitting remove job	1	Nos	
65	Water proof fitting fixing	1	Nos	
66	Casing & pipe laying with wire including job	1	Nos	
67	Pump connection	1	Nos	
68	Pump starter repairing		Nos	
69	Audio cable laying	1	rft	
70	Plug point checking & repairing in under table job	1	Nos	
71	Power off in adani electricity job	1	Nos	
72	Inter com number checking	1	Nos	
73	Circuit, data, telephone Wire remove job	1	Rft	

74	Water cooler checking & repairing	1	Nos	
75	Decorative fitting fixing	1	NOS	
76	Hand driver hot machine fixing	1	Nos	
77	Main panel bored in main switch connection work job	1	Nos	
78	Wi-fi Stand Install	1	Nos	
79	Whether Proof Box fixing	1	Nos	
80	Vending Machine Fixing in wall	1	Nos	
81	Screen Machine remove with connection remove	1	Nos	
82	Tv cable recharge with connection checking	1	Nos	
83	2 X 2 LED fitting remove & fixing	1	Nos	
84	Temper wary plug point bored ya light	1	Nos	
85	1,2,3 way switch,socket box remove & fixing	1	Nos	
86	4,5,6 way switch,socket	1	Nos	
87	3 phase connection	1	Nos	
88	single phase connection	1	Nos	

1	Total of Schedule B	Rs.	
2	Taxes as applicable	Rs.	
3	Grand Total of Schedule B	Rs.	

GRAND TOTAL OF SCHEDULE A + SCHEDULE B = Rs. _____

Date:

Seal

Signature of the Bidder