

Annexure 17 – Electrical and data cabling contractors

1. Scope of work

The services of Electrical contractors will be used for internal and external electrifications, associated cabling, earthing, wiring for air conditioners, UPS, liaising with KSEB for obtaining additional power, breakdown repairs and other allied works for various branches/ offices of the bank. Data cabling for the systems also need to be done by the vendor.

2. Eligibility criteria

The contractors who intend to empanel should have a valid license (Class A, B or C) issued by the Electrical Inspectorate and have the experience of Successfully completing works in the building involving internal and external electrification associated cabling, earthing, wiring for air-conditioners, UPS, breakdown repairs for branches / offices at bank/ offices during the last five years prior to 31.03.2025. He should have completed at least three similar works each year costing at least Rs. 100000/- each during the last 3 years.

3. Documents to be submitted

- Company profile and ownership details.
- Copies of registration certificate, PAN, GST, trade license.
- Work orders / completion certificate for past projects
- Audited financial statements for the last 3 years.

4. Evaluation criteria

Applications will be evaluated based on eligibility, technical capability, experience, financial stability. Bank may conduct site visits or seek presentations before final empanelment.

5. Special terms & conditions

- Before confirming empanelment, the vendor needs to provide a caution money for due fulfilment of his/her obligation under the contract by way of Performance Bank Guarantee of Term deposit for Rs 25000/- with validity upto 31/03/2028 which may be extended for further period if required.
- Vendor should be ready to work anywhere in Kerala as the work demands.
- Following is the prevailing rates for various elements in electrical and data cabling. Only vendors who are agreeing to these rates shall be needed to apply for empanelment.

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ELECTRICAL CABLING AT BRANCHES/OFFICES/ATM - PREVAILING RATES					
Sl.No	DESCRIPTION	QTY	UNIT	SPEC.	Revised rate
	EARTH CHECKING				
1	Checking of Electrical circuitry available at KGB RO / Branch / ATM for the possibility of leakage and proper earthing	1	No.	IS 3043-1966	1100.00
	EARTHING FOR RO / ATM				
2	Supply and installation of 2ft x 2ft x 6mm Copper Bond Earth Plate electrode Earthing station completed with refilling of required quantity of Earthing compound in 8 ft Trench and ceiled with Earthing chamber and terminated with 2x10 SWG copper through ISI PVC conduit to UPS IN / OUT DB bus bar (30Mtr.)	1	No.	IS 3043-1966	16500.00
	EARTHING FOR BRANCH				
3	Supply and installation of Copper Bond 1ft x 1ft x 4mm copper Bond Earth plate with strip electrode Earthing station completed with refilling of required quantity of Earthing compound in 5 ft Trench and ceiled with Earthing chamber and terminated with 1x10 SWG copper through ISI PVC conduit to UPS IN / OUT DB Bus bar (30 Mtr.)	1	No.	IS 3043-1966	8800.00
	EARTHING FOR BRANCH				
4	Supply and installation of Copper Bond 5 ft Rod electrode Earthing station completed with refilling of required quantity of Earthing compound in 5 ft Trench and ceiled with Earthing chamber and terminated with 1x10 SWG copper in ISI PVC conduit to UPS IN / OUT DB Bus bar (30 Mtr.) Restricted to limited space premises only	1	No.	IS/IEC 62305-3	6500.00
	UPS INPUT WIRING - 3 PHASE				

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5	To provide extension to 10 KVA UPS and wiring from 3 Phase DB to Metal Clad DB with 4 Pole 40A MCB and wiring with 3x6 mm.sq PVC insulated copper wire with 4mm.sq PVC insulated earth wire to UPS IN / OUT DB through appropriate size of PVC ISI Conduit or Casing & Capping(4 run of 10Mtr.)	1	No.	ISI Materials	4950.00
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	UPS INPUT WIRING - 1 PHASE				
6	To provide extension to 5 /3 /2 KVA UPS and wiring from 3 Phase DB to Metal Clad DB with 2 Pole 25A MCB and wiring with 2x4 mm.sq PVC insulated copper wire with 2.5 mm.sq PVC insulated earth wire to UPS input through appropriate size of ISI PVC conduit or Casing & Capping(30 Mtr.)	1	No.	ISI Materials	5500.00
	WIRING TO AIRCONDITIONER				
7	To provide extension to 2 /1.5 /1 Ton Airconditioner and wiring from 3 Phase DB to Metal Clad DB with single Pole 25A MCB and wiring with 2x4 mm.sq PVC insulated copper wire with 2.5 mm.sq PVC insulated earth wire to AC input through appropriate size of ISI PVC conduit or Casing & Capping(30 Mtr.)	1	No.	ISI Materials	4900.00
	UG ALUMINIUM CABLING				
8	Supply and laying of 16 mm. sq Aluminium 4 core UG Cable from Meter Panel Board to 3 Phase DB (indoor) and Termination	1	Mtr.	ISI Materials	225.00
9	Supply and laying of 10 mm. sq Aluminium 4 core UG Cable from Meter Panel Board to 3 Phase DB (indoor) and Termination	1	Mtr.	ISI Materials	185.00
	UPS OUTPUT WIRING				
10	Supply and laying of 3 run of 2x4 mm.sq PVC insulated copper cable with 2.5mm.sq PVC insulated copper cable from UPS OUTPUT DB to workstation power points through ISI PVC conduit or Casing & Capping	1	Mtr.	ISI Materials	187.00

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11	Supply and laying of 3 run of 2x2.5 mm.sq PVC insulated copper cable with 1.5mm.sq PVC insulated copper cable from UPS OUTPUT DB to workstation power points through ISI PVC conduit or Casing & Capping	1	Mtr.	ISI Materials	143.00
12	Supply and laying of 3 run of 2x1.5 mm.sq PVC insulated copper cable with 1.0mm.sq PVC insulated copper cable from UPS OUTPUT DB to workstation power points through ISI PVC conduit or Casing & Capping	1	Mtr.	ISI Materials	132.00

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	FAN / WALL FAN WIRING				
13	Supply and laying of 2 run of 2x1.5 mm.sq PVC insulated copper cable from Switch Board to light points through ISI PVC conduit or Casing & Capping	1	Mtr.	ISI Materials	95.00
	LED TUBE / PANEL LIGHT WIRING				
14	Supply and laying of 2 run of 2x1.0 mm.sq PVC insulated copper cable from Switch Board to light points through ISI PVC conduit or Casing & Capping	1	Mtr.	ISI Materials	80.00
	DISTRIBUTION BOARDS				
15	Supply , installation and commissioning of 3 Phase Selector Vertical Full DB	1	No.	ISI Materials	6000.00
16	Supply , installation and commissioning of 3 Phase 4 Quadrant Horizontal DB	1	No.	ISI Materials	6000.00
17	Supply , installattion and commissioning of Single Phase 12 Way Double door DB	1	No.	ISI Materials	2500.00
18	Supply , installation and commissioning of Single Phase 8 Way Double door DB	1	No.	ISI Materials	1540.00
19	Supply , installation and commissioning of Single Phase 8 Way single door DB	1	No.	ISI Materials	1100.00
20	Supply , installation and commissioning of Single Phase 6 Way single door DB	1	No.	ISI Materials	990.00
21	Supply , installation and commissioning of Single Phase 4 Way single door DB	1	No.	ISI Materials	880.00
	ELCB & CIRCUIT BRAKERS				
22	Supply , installation and Testing of 63 AMPS. 4 Pole ELCB	1	No.	ISI	3300.00
23	Supply , installation and Testing of 40 AMPS. 4 Pole ELCB	1	No.	ISI	3850.00
24	Supply , installation and Testing of 40 AMPS. 2 Pole ELCB	1	No.	ISI	2200.00
25	Supply , installation and Testing of 40 AMPS. 4 Pole MCB	1	No.	ISI	2970.00
26	Supply , installation and Testing of 40 AMPS. 3 Pole	1	No.	ISI	1450.00

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	MCB				
27	Supply , installation and Testing of 40 AMPS. 2 Pole MCB	1	No.	ISI	1100.00
28	Supply , installation and Testing of 32 AMPS. 3 Pole MCB	1	No.	ISI	900.00
29	Supply , installation and Testing of 40 AMPS. 2 Pole MCB	1	No.	ISI	1100.00
30	Supply , installation and Testing of 25 AMPS. 2 Pole MCB	1	No.	ISI	800.00
31	Supply , installation and Testing of 6-32 AMPS. 1 Pole MCB	1	No.	ISI	220.00

	ISOLATORS & SWITCHES				
32	Supply , installation and Testing 63 Amps.4 Pole Changeover switch (DIN Rail Mount)	1	No.	ISI	3300.00
33	Supply , installation and Testing 63 Amps.4 Pole Changeover switch (Manual Type)	1	No.	ISI	2800.00
34	Supply , installation and Testing of 40 AMPS. 4 Pole Isolator	1	No.	ISI	1430.00
35	Supply , installattion and Testing of 40 AMPS. 2 Pole Isolator	1	No.	ISI	605.00
36	Supply , installattion and Testing of 32 AMPS. DP Switch	1	No.	ISI	500.00
	POWER SOCKETS				
37	Supply and installation of 25 Amps. AC Box for A/c	1	No.	ISI	1320.00
38	Supply and installation of 2x16Amps. Power socket with 2x16 Amps. 1 way switch fixed on appropriate size of surface box for ATM / Network Rack	1	No.	ISI Materials	1100.00
39	Supply and installation of 1x16Amps. Power socket with 1x16 Amps. 1 way switch fixed on appropriate size of surface box for Photo copier	1	No.	ISI Materials	275.00
40	Supply and installation of 3x6Amps. Power socket with 1x16 Amps. 1 way switch fixed on appropriate size of horizontal surface box for PC / Printer	1	No.	ISI Materials	1100.00

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	SWITCH BOARDS & FITTINGS				
41	Supply and wiring of 1x 6Amps. 1 way switch fixed on suitable Metal / PVC box on surface for lights and Fan points.	1	No.	ISI Materials	220.00
42	Supply and wiring of 6Amps. 2 Pin power sockets for wall Fan	1	No.	ISI Materials	110.00
43	Supply and wiring of 6Amps. 3 Pin Plug top	1	No.	ISI Materials	55.00
44	Supply and wiring of 6Amps. Angle batten Bulb holder	1	No.	ISI Materials	50.00
45	Supply and wiring of Modular type Fan regulator	1	No.	ISI Materials	400.00
	LED LIGHTS				
46	Supply and mounting of 15 Watts LED Panel light	1	No.	ISI	800.00
47	Supply and fixing of 20 Watts LED Tube Light -4ft	1	No.	ISI	400.00
48	Supply and fixing of 9 Watts LED Bulb	1	No.	ISI	80.00

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	SURGE PROTECTORS	Selected premises only			
49	Supply and Installation of 4 Pole DIN Rail mounted Surge Protector with Envelop.	1	No.	IS/IEC 62305	5000.00
50	Supply and Installation of 2 Pole DIN Rail mounted Surge Protector with Envelop.	2	No.	IS/IEC 62305	2500.00

The rates are GST exclusive.

No	Description	QTY	Unit	Rate ❖
DATA CABLING MATERIALS				
1	Supply of 23 AWG 4 pair Cat.6 UTP Solid Cable TIA/EIA 568 Network supported 10/100/1000 Ethernet	1	Mtr	
2	Supply and fixing of Information Outlet Cat.6 Jack Supporting 22-24 AWG RJ45 Connectors	1	No	
2.A	Supply and fixing of Cat 6 UTP Jack with Strain relief and bend limiting boot.	1	No	
3	Supply and fixing of Face Plate single-Cat.6 compatible with 86mmx86mm configuration	1	No	
4	Supply and fixing of Face Plate Dual-Cat.6 compatible with 86mmx86mm configuration	1	No	
5	Supply and fixing of Surface mounting Box 86mmx86mm configuration	1	No	
6	Supply and installation of 24 port Cat.6 UTP Patch panel (Unloaded)	1	No	
7	Supply and installation of 24 Port Cat.6 UTP Keystone patch panel loaded	1	No	
8	Supply and linking of Cat.6 Patch cord Flexible Type 3 Mtr. Length	1	No	
9	Supply and linking of Cat.6 Patch cord Flexible Type 2 Mtr. Length	1	No	
10	Supply and linking of Cat.6 Patch cord Flexible Type 1 Mtr. Length	1	No	
11	Supply and installation of 12 U Customised Network Rack	1	No	
12	Supply and installation of 9 U Customised Network Rack	1	No	
13	Supply and installation of 6 U Customised Network Rack	1	No	
14	Supply of 16 Amps.x 6 Socket controlled by 20Amps.MCB Rack mountable Power supply unit (PDU)	1	No	
15	Rack mountable Tray	1	No	
16	Cable Manager (Metal)	1	No	
17	RJ 11 Telephone socket Plate with Box	1	No	*

DATA CABLING			
18	Laying of Cat.6 UTP cable through appropriate size of PVC Casing & Capping or PVC Condit including accessories and labour (Excluding Cable)	1	Mtr
19	Laying of 2 pair Telephone cable through appropriate size of PVC Casing & Capping or PVC Condit including accessories and labour (Including Cable)	1	Mtr
20	Termination of Cat.6 Keystone	1	No
20.A	Termination of Cat 6A cables onto information outlets.	1	No
21	Network checking (Applicable for service work order only)	1	No
22	Existing Network Rack Shifting and reinstallation Charges	1	No
22.A	Dressing and Labelling of Network Rack Network port numbering	1	No
22.B	Fixing of faceplates	1	No
22.C	Segregation, Dressing and labelling of network cables, port	1	No
22.D	Patch cord dressing & patching to switches and Routers	1	No

❖ The rates for data cabling shall be finalised in due course.

6.Method of Awarding contract

As rates are already fixed and prevailing, work order will be awarded to empanelled vendors in rotation basis. In case of data cabling works rates shall be finalized in due course.