

**STATE BANK OF INDIA
THIRUVANANTHAPURAM CIRCLE**

INVITES TENDERS IN TWO BID SYSTEM

FOR

**ELECTRICAL SAFETY AUDIT FOR OFFICES/BRANCHES OF
ADMINISTRATIVE
OFFICE ERNAKULAM, SBILD ERNAKULAM, LCPC ERNAKULAM, GNC
ERNAKULAM, COMMERCIAL BRANCH, ARMB, SARB AND ISB**

Last date for submission of Tender: 3.00 P.M. (IST) on 17/11/2022.

Opening of Tender: 03:30 P.M. (IST) on 17/11/2022.

NIT NO: THI2022/AO ERN/ELE/200

Name & Address of Contractor

**The Deputy General Manager,
SBI, Administrative Office
III Floor, SBI Building
Shanmugham Road, Ernakulam
Kerala - 682311**

NOTICE INVITING TENDER (NIT): THI2022/AO ERN/ELE/200

Tenders are invited by State Bank of India, from **SBI Empanelled Electrical Auditors for Thiruvananthapuram Circle** for conducting Electrical Safety Audit for its branches and offices at Ernakulam and Idukki.

All Empaneled Electrical Auditors can apply for Category X & Category Y.

For Category Z, only Empaneled Electrical Auditor with accreditation for Energy Auditing shall be only eligible. Proof for the same shall be enclosed as documentary proof

The total no of branches/offices at Ernakulam are detailed as per Annexure C. The figure is tentative.

1.	Name of Work	ELECTRICAL SAFETY AUDIT FOR OFFICES/BRANCHES OF ADMINISTRATIVE OFFICE ERNAKULAM, SBILD ERNAKULAM, LCPC ERNAKULAM, GNC ERNAKULAM, COMMERCIAL BRANCH, ARMB,SARB AND ISB
2.	Issue of the document in SBI website-	www.sbi.co.in -> SBI in the news-> Procurement news from 03.11.22 to 17.11.22
3.	Last date and time of receipt of application	On or Before 17.11.22 by 3.00PM
4.	Address at which the applications are to be submitted	Deputy General Manager (B & O) SBI, Administrative Office III Floor, SBI Building Shanmugham Road, Ernakulam Kerala - 682311 Ph: +91484 2372682 Email: cmhr.aoern@sbi.co.in
5.	Date ,place ,Time of opening of Application	17.11.22 by 3.30PM SBI, Administrative Office III Floor, SBI Building Shanmugham Road, Ernakulam Kerala - 682311 Ph: +91484 2372682
6.	Validity of rate contract	Six months from the date of approval
7.	For clarification and other details	Please contact : Electrical Engineer:- 9745081533

In case the date of opening of tenders is declared as a holiday, the tenders will be opened on the next working day at the same time.

SBI has the right to accept/reject any/all tenders without assigning any reasons.

GENERAL TERMS & CONDITIONS OF CONTRACT

- a. Sealed and duly acknowledged tenders in the prescribed form (pages 1-31), in sealed envelopes with necessary certificate and documents should be addressed to the Deputy General Manager (B & O), SBI, Administrative Office, III Floor, SBI Building, Shanmugham Road, Ernakulam, Kerala – 682311, Ph:+91484 2372682 and super scribed on the Outer Cover “RATE CONTRACT TENDER FOR ELECTRICAL SAFETY AUDITORS FOR VARIOUS OFFICES/BRANCHES OF SBI AT ERNAKULAM AND IDUKKI”. **Applicant must mention the quote separately for each category for which they wish to apply.**
- b. SBI is not responsible for the late receipt due to postal delay, strikes or any other reasons. The incomplete application is liable to be rejected summarily and Bank reserves the right to accept or reject any or all applications without assigning any reasons.
- c. Electrical Auditor must complete the safety audit as per the L1 rate during the 2.5 months’ time duration. Bank reserves the right to reduce the completion time if the number of allotted branches is less.
- d. The Auditor requires to furnish their GST no.

DEPUTY GENERAL MANAGER (B&O)
AO ERNAKULAM

TERMS AND CONDITIONS

1. The no of branches mentioned below is tentative.
2. After rate standardization the lowest rates will be advised to SBI RBO & Branches other outfits at under the geographical area of Administrative Office Ernakulam and work orders will be issued from AO/RBO as per the predefined ratio mentioned in the tender.
3. Successful vendors should be prepared to execute the Electrical audit at the agreed rates as and when orders are placed during the validity period of the tender
4. The tender rates shall be valid for a period of 6 months from the date of opening of the tenders.
5. In the event of a discrepancy between the rates quoted in words and the rates in figures, the rates quoted in figures shall be taken into consideration.
6. All pages of the tender document shall be signed by authorized signatory and stamped.
7. All corrections shall be duly signed and stamped. Bids received after the above date/time will not be considered.
8. SBI reserves the right to reject the offer without assigning reason or whatsoever.
9. SBI reserves the right to distribute and execute the work at the L1 rate through the L2 , L3 & L4 vendors upon their willingness. The ratio of work distribution among L1, L2, L3, L4 vendors are in the ratio 50:25:15:10 if necessary and 50:30:20 if only three vendors out of L1/L2/L3/L4 are willing at L1 rate and 60:40 if only two vendors out of L1/L2/L3/L4 are willing.
10. Please enclose the list of technical staff with contact addresses, telephone numbers.
11. Conditional tenders are not acceptable.
12. The Electrical safety auditor or firm must arrange for the conveyance, lodging expenses, men and material required for conducting the safety audit at their cost.
13. Adequate care should be taken by the electrical auditor during the verification, measuring and recording of the data.

14. Any damage to the Bank's property, equipment's under testing and measurement during the electrical fire safety audit will be charged to the firm.
15. Bank is not responsible for accidental injury of any of the operating personnel involving in the audit procedure. Personnel should be well trained and should have adequate knowledge in electrical safety aspects and handling of electrical equipment's.
16. All the rates quoted against each category as per the Price bid format in Annexure D must include Conveyance, Lodging expenditure required for men and material. GST will be paid extra as per the actual.
17. The Electrical auditor must submit **five copies** of **audit reports** to the respective Branch, Regional Manager(RBO Ernakulam), Chief Manager HR (Administrative office, Ernakulam), Electrical Engineer, AO Ernakulam and Assistant General Manager, Premises & Estate(SBI). A soft copy of the audited reports has to be sent to agmpre.lhotri@sbi.co.in.
18. After the completion of Electrical Audit, the visit and Electrical Audit report with the acknowledgement of the Branch official, Invoice shall be submitted to the Office of SBI AO, Ernakulam for forwarding to respective Regional Office of SBI for the payment.
19. The copy of the contact number, ID card and authorization letter of the auditing person(s) must be submitted to SBI RBOs/AO well in advance for necessary co-ordination. Shut down required if any may be intimated to branch in advance.
20. Payment will be made at respective Branches/Regional Offices after successful completion and submission of Electrical safety audit reports duly acknowledged by the branch in complete form along with the proof such as photographs of the audited premises during course of the work as detailed in point 15 & 16. No advance is payable.
21. Upon the non successful submission of report in required format in 5 copies, bank reserves the right to reduce the fees payable to the vendor.
22. Over writing should be avoided and all corrections should be duly signed.
23. No inconvenience should be caused to staff/customer during working hours
24. SBI reserves the right to allocate any region or branch as per their requirement of SBI Administrative unit, Ernakulam to the Empanelled Auditors at the L1 rate.

25. SBI reserves the right to cancel the work order issued to the Safety Auditor at any stage in the event of failure of Non response, Non commitment and Non completion of the assigned task as per tender terms and conditions.
26. The Electrical Auditor must submit the soft copy of the report to agmpre.lhotri@sbi.co.in and hard copy to Electrical Engineer at SBI Local head office, Thiruvananthapuram.
27. Upon the non-successful submission of report in required format in four copies as detailed in point 16, SBI reserves the right to reduce the fees payable to the vendor .
28. If the SBI observes that the Auditor has not completed the task upto its satisfaction,
29. SBI reserves the right to ask for re auditing the premises without any additional payment.
30. Time allowed for completion after the allotment of Branches is 2.5 months from the day of issue of Work order. Time is the essence of the Contract. Delay will be penalized suitably @1/2 % per week of delay.

Date:
Place:

Accepted/Not accepted
Applicant's Signature and stamp

SCOPE OF WORK FOR ELECTRICAL SAFETY AUDIT

- a. Physical inspection of the Bank premises with reference to applicable Indian standards, Indian Electricity Rules and other relevant codes of Practice & identifying electrical fire hazards (shocks, fires, etc.) as per Kerala Electrical Inspectorate and KSEB Ltd Guidelines.
- b. Review of protection devices such as MCCB/MCB/ELCB system of the electrical installation and whether the performance is satisfactory or not.
- c. Review of adequacy of Wires/Cable sizes based on actual load current measurements, Insulation resistance, tightness of terminations.
- d. Review of electrical accidents to identify root cause of the accidents, if happened any review the EPM (Electrical Preventive Maintenance) program if any, in the Bank Premises to suggest recommendations as per applicable standards.
- e. To evaluate the earthing system (installation and maintenance) in the plant based on IS 3043 and to suggest recommendations including the measurement of Earth resistance.
- f. Check for any loose contacts at the mains switches, DB, Switch boards etc.
- g. Inspection of UPS and batteries for its adequacy in the capacity for the load requirement of the branch.
- h. Reliability of the electrical distribution system with the equipment's like air conditioners, UPS's, Generators etc. Checking whether the AMC of these items are in place.
- i. Evaluating whether the demand load is within the sanctioned load with proper load balancing.
- j. Verification of the operation of system room Air conditioners with timer mechanism.
- k. Report must consist of your Observations on account of the Electrical fire safety and various Measures suggesting for the improvement of the safety existing systems.
- l. Preparation of Safety audit report and submission within the completion period in triplicate with non-scale layout of the branch including denomination of the areas used by you for auditing. Report must consist of the single line

diagram of existing electrical system including marking the position of critical faults needing immediate attention.

- m. Review of the Existing condition of the HT transformer, Substation, Main panels, Load break switch.
- n. Thermo graphic images of DB's, panel boards shall be enclosed with the report for Category Z branches.
- o. For HT substation, with single metering for various out fits, Auditor shall submit report for the HT Substation and individual outfit reports connected to the system

**Deputy General Manager (B&O),
AO Ernakulam**

ELECTRICAL / FIRE SAFETY AUDIT FOR OFFICES/BRANCHES OF ADMINISTRATIVE OFFICE ERNAKULAM, SBILD ERNAKULAM, LCPC ERNAKULAM, GNC ERNAKULAM, COMMERCIAL BRANCH, ARMB, SARB AND ISB

(Invariably respond to all the following parameters/aspects. Do not delete or add any parameter from/to this list.)

SI No	Parameter	Your Response
1	Whether agreeable to all the terms and conditions expressed by the SBI?	Yes / No
2	Whether agreeable to the payment norms of the SBI?	Yes / No
3	Whether agreeable to execute Electrical safety audit for number less than indicated in this tender in case of need at any point of time, during period of contract	Yes / No
4	Whether agreeable to execute all the parameters as per the enclosed check list for Electrical fire safety audit	Yes/ No

We have read and understood all the terms and conditions stipulated by the Bank and do hereby agree to each and every item indicated therein.

Dated this _____ day of _____ 2022.

COMPANY SEAL AUTHORISED SIGNATORY OF THE COMPANY

ELECTRICAL / FIRE SAFETY AUDIT FOR OFFICES/BRANCHES OF ADMINISTRATIVE OFFICE ERNAKULAM, SBILD ERNAKULAM, LCPC ERNAKULAM, GNC ERNAKULAM, COMMERCIAL BRANCH, ARMB, SARB AND ISB

APPLICATION FOR ELECTRICAL AUDITORS FOR CONDUCTING SAFETY AUDITS FOR VARIOUS SBI OFFICES/BRANCHES

Annexure -A

1.	Name of the Firm / Electrical Safety Auditors	
2.	Address	
3.	Telephone nos. including Mobile no.	
4.	Fax No. & e-mail Id	
5.	List of Technical Personnel employed for the task.	
6.	List of other staff .	
7.	Banker's Name	
8.	GST registration number	

**Date:
seal**

Signature of authorized signatory with

Place:

ANNEXURE – B

FORMAT FOR ELECTRICAL SAFETY AUDIT

BRANCH CODE & REGION	
DATE OF INSPECTION	
AREA OF BRANCH	Sq FT/Sq.Meter
KSEB CONSUMER NO	
KSEB SECTION AREA WITH TELEPHONE DETAILS	

ELECTRICAL DETAILS

SL.NO	PARTICULARS	DEMAND / VALUE
1	SANCTIONED LOAD	
2	AVERAGE USED LOAD	
3	AVERAGE POWER FACTOR	
4	PEAK LOAD	
5	CONNECTED LOAD	
6	MONTHLY AMOUNT OF ENERGY BILL (APPROX)	
7	TOTAL TONNAGE OF AIRCONDITIONERS IN BRANCH	
8	DETAILS OF ACS WHICH ARE MORE THAN 10 YEARS OLD(Type, Tonnage and Quantity)	
9	WHETHER LIGHT FIXTURES IN THE BANK ARE OF LED TYPE	YES/NO
10	DETAILS OF LIGHT FITTINGS WHICH ARE NOT LED(Wattage & Quantity)	
11	CAPACITY & MAKE OF UPS	
12	CAPACITY & MAKE OF DG SET	
13	APPROVED DRAWING & ENERGISATION SANCTION ORDER OF DG AVAILABLE WITH THE BRANCH	YES/NO

LIST OF MAJOR EQUIPMENTS & DEVICES

SL.NO	DESCRIPTION	STANDARD WATTAGE	INVENTORY FLOOR WISE		TOTAL WATTAGE(KW)
			I st	ii nd	
1					
2					
3					
4					
5					
6					
	TOTAL LOAD(KW)				
SI No	Check points	Presents Status detailed description shall be provided	Rectifications proposed. Detailed description shall be provided	Observations/Comments	
1	Whether demand load is less than the sanctioned load				
2	Whether penalty is being imposed on electricity bills(I may be ascertained from the electricity bill of April/May/June/July				
3	Whether additional electrical load is required from power distribution company				
4	Whether Lightning arrestor is provided for Multi stored building				
5	Whether DB's are properly covered				
6	Whether Electrical equipment's of pantry are properly connected to plug socket arrangement with mcb				
7	Whether panel boards and distribution boards were opened and checked for overheating, loose contact, blackening etc by the electrician who undertake the preventive maintenance				
8	Whether branch has arrangement for periodical maintenance if so name, contact no and address				
9	General condition of AC's water				

	cooler, water filter etc..			
10	Whether preventive maintenance of equipment is carried out by skilled license holder electricians			
11	Whether the contact numbers of persons, electricians, power distribution co, generator vendor etc are available with guard room			
11	Whether Load is balanced in all phases to avoid unbalancing of phases			
12	Whether the sizes of cables/wires are of adequate rating and gauge a. Incoming b. UPS c. PDB d. AC e. LDB f. Electrical gadgets			
13	Whether cables are properly terminated			
14	Whether existing MCB /MCCB/ELCB provided are of adequate rating			
15	Whether MCCB/MCB/ELCB provided in Distribution boards are functioning properly			
16	Whether all plug points are provided with proper earth lead			
17	General Condition of Electrical wiring and type of electrical wiring Open/concealed			
18	Whether single isolating switch is available for the premises and separate switch for the AC in system room, UPS provided at the branch for switching off the non-essential loads at premises during the night			
19	Whether ELCB is provided for Glow sign board			
20	Whether system room AC's and glow sign boards are			

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	provided with timer mechanism of adequate rating and functioning properly			
21	Whether UPS room is properly ventilated and isolated from printer room, system, record room			
22	Whether UPS output is provided for CCTV , Fire alarm system and emergency loads			
23	Condition of Electrical panel room and UPS room and whether properly well-kept and presence of inflammable items if any present may be mentioned clearly in the report			
24	Any hanging/unprotected loose electrical live wires inside the branch premises			
25	Whether power supply to Locker, strong rooms, record/Stationary are disconnected by the removal of three core wire and plug arrangement			
26	Condition of earthing with meggered values and whether meggered resistance values are within the standards			
27	Condition of HT transformer, Breaker, Power cables, Load break switch			
28	Whether Cos is of proper capacity			
29	Whether DG sets neutral and body are independently grounded			
30	Whether AC points are at easily accessible height			
31	Whether Air conditioners, stabilizers are functioning properly. Please specify the Quality and type of stabilizer			
32	Whether AC's and UPS systems are under AMC			
33	Readings for Incoming Voltage and Current at peak hours between 11.00AM to 3.00PM as per the below format			

34	General condition of Main switch, Electric meter board and change over switch			
35	Whether light provided in electrical rooms/operation areas is sufficient / adequate for easy operation & maintenance works			
36	Whether Emergency light is provided in Electrical rooms			
37	Whether pump room is maintained dry in good condition			
38	Whether water seepage is observed near any of the Electrical equipment and wirings			
39	Whether paper ,old material or any other scrap kept near DB/panels/UPS/Batteries etc. If so whether they are kept atleast 3 feet distance from Electrical points/switch/junction boxes			
40	Whether proper arrangement for ventilation of panel room/electrical room/UPS room is provided			
41	Whether diesel ie inflammable materials are safely stored			
42	Whether the contact numbers of persons, electricians, power distribution co, Generator vendor etc are available with guard and other staff and displayed?			
43	Whether Earth pits are provided and connected /Earthing report is provided by the Electrical contractor or licensed electrician			
44	Whether Earthing for body and Neutral are provided for DG sets			
45	Whether Neutral to earth voltage is within permissible limits			
46	Combustible leaf, litter/waste papers etc in and around the branch is removed /cleaned periodically			

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47	All disposable records, broken furniture etc accumulated at the premises have been cleared			
48	In the pantry/canteen LPG is used (Yes/No)			
49	Whether Exhaust fan is installed in UPS room			
50	Are fire extinguishers available in the following work area and clearly marked and accessible? A. System/UPS Room- Co2(3 Kg/4.5Kg)x2 B. Banking Hall- Water Co2 type C. Stationary Room – Water CO2 type			
51	At least two 6Kg ABC capacity fire extinguishers are placed near the Diesel Generator?			

Parameter	Test Point	Reading	Standard range	Observation
Voltage at Incoming point	Between phases, Between Phase and neutral, N-E			
Current at Incoming point	R phase Y phase B phase Neutral			
Frequency				
Power factor				

The above observations are true and actually recorded by me.

Place :

Signature

Date :

Stamp

FOR HT SUBSTATION

ELECTRICAL DETAILS

SL.NO	PARTICULARS	DEMAND / VALUE
1	SANCTIONED LOAD	
2	CONNECTED LOAD	
3	BILLING DEMAND	
4	MAXIMUM DEMNAD (preferably April/May/June months)	
5	PEAK LOAD/PF VALUE AS MENTIONED IN ELECTRICITY BILL (preferably April/May/June months)	
6	MONTHLY AMOUNT OF ENERGY BILL (APPROX)	
7	KSEB CONSUMER NO,SECTION AREA WITH TELEPHONE NO	
8	TOTAL TONNAGE OF AIRCONDITIONERS IN BRANCH	
9	DETAILS OF ACS WHICH ARE MORE THAN 10 YEARS OLD(Type, Tonnage and Quantity)	
10	WHETHER LIGHT FIXTURES IN THE BANK ARE OF LED TYPE	
11	DETAILS OF LIGHT FITTINGS WHICH ARE NOT LED (Wattage, Quantity)	
12	CAPACITY OF SUBSTATION AND VOLTAGE	

SI No	Description	Presents Status (Yes/No)	Observations/Comments
1	Whether permission of substation and DG set are available and copies of the same are available at Substation		
2	Whether Electric shock treatment charts Electrical and fire safety charts and single line diagram are displayed?		
3	Whether emergency contact numbers of Fire station, Health center, Power distribution Co etc are displayed at substation and control room		
4	Whether electrical danger (fig of skull & cross bones, 440 V/ 230V) is provided on Main Electrical panel/electrical room/operating areas		
5	Safety Materials like Fire extinguishers,		

	Sand buckets, Rubber Mats, Hand gloves, First aid box etc are available in substation?		
6	Whether the inspection of Substation/DG set/Lift is done once in a year and inspection fees paid well in time?		
7	Whether the observations by Electrical inspector during his last visit have attended?		
8	Whether preventive maintenance of Breakers, Transformers, Panels etc is carried out as per schedule		
9	Whether contract for Maintenance of transformer/Breaker etc are given to respective manufacturer?		
10	Whether (I) The Maintenance contractor has "A" class Electrical contractors license as per prevailing guide lines of the concerned state/Central govt> (II) The workmen/Technicians possess the wire men/Electricians license ?		
11	In case of outdoor substation (I) Whether the stone gities provided in substation yard? (II) Whether the Substation structure fencing boundary is provided, painted and well maintained?		
12	Whether proper nomenclature and painting is done on Electric panels and earthing pits?		
13	Whether Earthing test reports are provided by the Electrical contractor		
14	Check last date of oil BDV test and confirm the BDV value whether permissible or not?		
15	Whether mechanical and Electrical interlocks of critical equipment's are working or not?		
16	Operating manuals for critical equipment's like transformer, breaker etc are available on site or not?		
17	Whether Automatic power factor control (APFC) panel is provided or not & whether pf value is maintained within limits.		

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18	Whether any penalty is imposed in electricity bill for poor pf value or any incentive are getting in Electricity bills for maintaining the PF value		
19	Whether the Maintenance staff wear shoes and they are well dressed		
20	Whether some training/meeting with maintenance staff about safety challenges is arranged at least half yearly		
21	Thermographic Observations on thermo graphic images at Electric panels. & Distribution boards.(please upload the thermographic images on the system)		

The above observations are true and actually recorded by me.

Place :

Signature

Date

Name of the Auditor

Name of the Agency

Supervisor's valid License No

Stamp

ANNEXURE – C- COUNT OF BRANCHES (Approx)

SLNO	BRANCHES UNDER CATEGORY X	BRANCHES UNDER CATEGORY Y	BRANCHES UNDER CATEGORY Z
	LT category upto 30KW	LT category above 30KW – and upto 60KW	HT category /connected load above 60KW
1	RBO1 branches- 17 NOS	RBO1 branches- 20 NOS	M G Road, Ernakulam- 1
2	RBO2 BRANCHES-19 NOS	RBO2 BRANCHES-23 NOS	Metro Station, M G Road, Ernakulam-1
3	RBO 3 BRANCHES-15 NOS	RBO3 BRANCHES-27 NOS	Alwaye -1
4	RBO 4 BRANCHES-17 NOS	RBO 4 BRANCHES-25 NOS	Thodupuzha- 1
5	RBO 5 BRANCHES-20 NOS	RBO 5 BRANCHES-20NOS	SBILD, Ernakulam -1
6	CAC Ernakulam -1	RBO 4 Office Premises-1	Administrative Office, Ernakulam - 1
7	CAC Elappara - 1	RBO 5 Office Premises-1	Global NRI Centre, Ernakulam-1
8	RBO 1 Office Premises-1	SMECC EKM-1	RACPC Ernakulam -1
9	RBO 2 Office Premises-1	RASMECCC Aluva -1	LCPC Ernakulam- 1
10	RBO 3 Office Premises - 1	RACC Thodupuzha – 1	RASMEC Muvattupuzha -1
11	TFCPC Ernakulam-1	RACC Kattappana ADB -1	RACPC II, Ernakulam
12	DAC/ Data Archive Centre- 1	RACC Adimaly -1	Commercial Branch, Ernakulam
13	ISB, Ernakulam -1		
14	ARMB, Ernakulam -1		
15	SARB, Ernakulam -1		

ANNEXURE – D-BRANCH DETAILS

SL NO	BRANCH NAME	BRANCH CODE	REGION	CATEGORY
1	ERNAKULAM	1015	RBO 1 Ernakulam	Y
2	COCHIN SHIP YARD PERUMANOOR	3229	RBO 1 Ernakulam	Y
3	M.G.ROAD ERNAKULAM	3539	RBO 1 Ernakulam	Z
4	PBB ERNAKULAM	4178	RBO 1 Ernakulam	X
5	PALARIVATTOM	4312	RBO 1 Ernakulam	Y
6	NRI KOCHI	6561	RBO 1 Ernakulam	Y
7	ERNAKULAM BROADWAY	8614	RBO 1 Ernakulam	Y
8	KALOOR	8621	RBO 1 Ernakulam	Y
9	VYTTILA	8694	RBO 1 Ernakulam	X
10	LISIE HOSPITAL COCHIN	9122	RBO 1 Ernakulam	X
11	TREASURY BRANCH ERNAKULA	9795	RBO 1 Ernakulam	Y
12	INFOPARK TRIKKAKKARA	10316	RBO 1 Ernakulam	X
13	HIGH COURT ERNAKULAM	10564	RBO 1 Ernakulam	X
14	NAVAL BASE KOCHI	10568	RBO 1 Ernakulam	Y
15	PAADIVATTOM	11725	RBO 1 Ernakulam	X
16	PUNNAKKAL	12856	RBO 1 Ernakulam	X
17	EDAPPALLY JUNCTION	12857	RBO 1 Ernakulam	X
18	ELAMAKKARA	13223	RBO 1 Ernakulam	Y
19	THAMMANAM	14582	RBO 1 Ernakulam	X
20	SOUTH CHITTOOR	14583	RBO 1 Ernakulam	Y
21	SMART CITY	15789	RBO 1 Ernakulam	X
22	AYYAPPANKAVU	16330	RBO 1 Ernakulam	Y
23	PONEKKARA	18168	RBO 1 Ernakulam	X
24	JEWS STREET, ERNAKULAM	20497	RBO 1 Ernakulam	X

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25	IYYATTIL JUNCTION , ERNAKULAM	31449	RBO 1 Ernakulam	Y
26	BANERJI ROAD ERNAKULAM	60181	RBO 1 Ernakulam	Y
27	METRO STATION, MG ROAD	70142	RBO 1 Ernakulam	Z
28	EDAPPALLY	70218	RBO 1 Ernakulam	X
29	RAVIPURAM	70261	RBO 1 Ernakulam	Y
30	DESABHIMANI JUNCTION, KALOOR	70327	RBO 1 Ernakulam	Y
31	TRIKKAKARA CIVIL STATION	70339	RBO 1 Ernakulam	Y
32	PALARIVATTOM TOWN	70403	RBO 1 Ernakulam	Y
33	SCHOOL JUNCTION, ELAMAKKARA	70782	RBO 1 Ernakulam	X
34	VENNALA	70808	RBO 1 Ernakulam	X
35	VAZHAKKALA	70809	RBO 1 Ernakulam	X
36	VADUTHALA	70855	RBO 1 Ernakulam	Y
37	ALINCHUVADU	70899	RBO 1 Ernakulam	Y
38	CHITTOOR ROAD	71129	RBO 1 Ernakulam	Y
39	ASTER MEDCITY	71189	RBO 1 Ernakulam	X
40	COCHIN	826	RBO 2 Ernakulam	X
41	PANAYAPPALLI	2250	RBO 2 Ernakulam	X
42	NORTH FORT, TRIPUNITHURA	4400	RBO 2 Ernakulam	Y
43	KAVARATHY	5080	RBO 2 Ernakulam	X
44	COCHIN PORT TRUST	6367	RBO 2 Ernakulam	Y
45	ERNAKULAM SOUTH	8616	RBO 2 Ernakulam	Y
46	MATTANCHERRY	8643	RBO 2 Ernakulam	X
47	MULAVUKAD	8649	RBO 2 Ernakulam	X
48	PERUMANOOR	8660	RBO 2 Ernakulam	X
49	PUTHUVIPE	8667	RBO 2 Ernakulam	X
50	COCHIN EXPORT PROCESSING ZONE	9485	RBO 2 Ernakulam	X
51	NPOL	10569	RBO 2 Ernakulam	X

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52	SH COLLEGE THEVARA	10593	RBO 2 Ernakulam	X
53	MINICOY	10599	RBO 2 Ernakulam	X
54	CHOTTANIKKARA	11917	RBO 2 Ernakulam	Y
55	KANJIRAMATTOM	11918	RBO 2 Ernakulam	Y
56	PETTAH	12854	RBO 2 Ernakulam	Y
57	KUMBALAM	13224	RBO 2 Ernakulam	Y
58	CHAKARAPARAMBU	16072	RBO 2 Ernakulam	X
59	KUNDANOOR	16073	RBO 2 Ernakulam	Y
60	ELAMKULAM, ERNAKULAM	18059	RBO 2 Ernakulam	Y
61	KATHRIKADAVU	18060	RBO 2 Ernakulam	Y
62	SME VYTTILA	63662	RBO 2 Ernakulam	Y
63	SME KAKKANAD	63779	RBO 2 Ernakulam	X
64	THOPPUMPADI	70141	RBO 2 Ernakulam	Y
65	KUMBALANGY	70150	RBO 2 Ernakulam	Y
66	TRIPUNITHURA	70156	RBO 2 Ernakulam	Y
67	MULANTHURUTHY	70334	RBO 2 Ernakulam	Y
68	UDAYAMPEROOR	70348	RBO 2 Ernakulam	Y
69	THIRUVAMKULAM	70395	RBO 2 Ernakulam	Y
70	BYPASS, ERNAKULAM	70457	RBO 2 Ernakulam	X
71	COCHI- VYTTILA	70517	RBO 2 Ernakulam	Y
72	PAZHANGAD	70605	RBO 2 Ernakulam	X
73	PRAVASI SEVA BRANCH, ERNAKULAM	70642	RBO 2 Ernakulam	X
74	PANAMPILLY NAGAR ERNAKULAM	70658	RBO 2 Ernakulam	Y
75	KADAVANTHRA	70750	RBO 2 Ernakulam	Y
76	VALLARPADAM	70801	RBO 2 Ernakulam	X
77	VALANJAMBALAM	70898	RBO 2 Ernakulam	Y
78	IRIMPANAM	71006	RBO 2 Ernakulam	Y

ADMINISTRATIVE OFFICE ERNAKULAM

79	HIGHWAY, KUNDANOOR	71100	RBO 2 Ernakulam	Y
80	PALLURUTHY	71188	RBO 2 Ernakulam	X
81	EROOR	71236	RBO 2 Ernakulam	X
82	ALWAYE	7016	RBO 3 Ernakulam	Z
83	ALWAYE TOWN	8590	RBO 3 Ernakulam	Y
84	ANGAMALI TOWN	8591	RBO 3 Ernakulam	Y
85	ASOKAPURAM	8596	RBO 3 Ernakulam	X
86	CHERAI(NORTH PARUR)	8604	RBO 3 Ernakulam	Y
87	CHERIAPPILLY	8605	RBO 3 Ernakulam	X
88	KONGORPILLY	8630	RBO 3 Ernakulam	X
89	KOTTAMAM	8632	RBO 3 Ernakulam	X
90	NORTH KUTHIATHODE	8638	RBO 3 Ernakulam	X
91	MOOZHIKULAM	8648	RBO 3 Ernakulam	Y
92	PULIYANAM(MAMPRA)	8666	RBO 3 Ernakulam	X
93	AYYAMPUZHA	9761	RBO 3 Ernakulam	X
94	APPOLO JUNCTION, KALAMASSERI	10110	RBO 3 Ernakulam	Y
95	DE PAUL ACADEMY ANGAMALI	10561	RBO 3 Ernakulam	Y
96	KALAMASERRY SOUTH	10570	RBO 3 Ernakulam	Y
97	ISC ELOOR	10667	RBO 3 Ernakulam	Y
98	NORTH PARUR	10697	RBO 3 Ernakulam	Y
99	NEDUMBASSERI	12855	RBO 3 Ernakulam	X
100	KANGARAPADY BRANCH	14968	RBO 3 Ernakulam	X
101	UNICHIRA	16071	RBO 3 Ernakulam	X
102	DESAM	18621	RBO 3 Ernakulam	Y
103	MALIAMPEEDIKA	18963	RBO 3 Ernakulam	Y
104	KALAMASSERY	70145	RBO 3 Ernakulam	Y
105	VARAPUZHA	70146	RBO 3 Ernakulam	Y

ADMINISTRATIVE OFFICE ERNAKULAM

106	ALUVA- CATHOLIC CENTRE	70147	RBO 3 Ernakulam	Y
107	NARAKKAL	70152	RBO 3 Ernakulam	X
108	MAIN ROAD, NORTH PARUR	70153	RBO 3 Ernakulam	Y
109	ANGAMALLY	70157	RBO 3 Ernakulam	Y
110	UDYOGMANDAL	70158	RBO 3 Ernakulam	Y
111	COCHIN UNIVERSITY CAMPUS BRANCH	70235	RBO 3 Ernakulam	X
112	S M E KALAMASSERY	70291	RBO 3 Ernakulam	X
113	THOTTAKKATTUKARA, ALUVA	70336	RBO 3 Ernakulam	Y
114	THAIKKATTUKARA	70368	RBO 3 Ernakulam	Y
115	EDATHALA	70375	RBO 3 Ernakulam	Y
116	KEEZHMAD	70378	RBO 3 Ernakulam	Y
117	KIZHAKKAMBALAM	70425	RBO 3 Ernakulam	Y
118	NAYARAMBALAM	70451	RBO 3 Ernakulam	Y
119	ATHANI	70789	RBO 3 Ernakulam	Y
120	MANNAM	70947	RBO 3 Ernakulam	Y
121	METRO STATION BRANCH ALUVA	71019	RBO 3 Ernakulam	Y
122	MANJAPRA	71200	RBO 3 Ernakulam	X
123	PUTHENVELIKKARA	71259	RBO 3 Ernakulam	X
124	MOOKKANNOOR	71268	RBO 3 Ernakulam	Y
125	AMBALAMEDU	1108	RBO 4 Muvattupuzha	Y
126	VAZHAKULAM	7844	RBO 4 Muvattupuzha	Y
127	AYAVANA	8597	RBO 4 Muvattupuzha	X
128	KOTHAMANGALAM	8631	RBO 4 Muvattupuzha	Y
129	MUTHOLAPURAM	8651	RBO 4 Muvattupuzha	X
130	MUVATTUPUZHA	8652	RBO 4 Muvattupuzha	Y
131	NELIMATTAM	8656	RBO 4 Muvattupuzha	Y
132	PERUMBAVOOR	8661	RBO 4 Muvattupuzha	Y

ADMINISTRATIVE OFFICE ERNAKULAM

133	POTHANIKAD	8663	RBO 4 Muvattupuzha	Y
134	KOCHI REFINERY	10567	RBO 4 Muvattupuzha	X
135	MUVATTUPUZHA TOWN	10592	RBO 4 Muvattupuzha	Y
136	NERIYAMANGALAM	12875	RBO 4 Muvattupuzha	Y
137	NELLAD	12876	RBO 4 Muvattupuzha	X
138	PBB KOTHAMANGALAM	16893	RBO 4 Muvattupuzha	X
139	PIRAVOM	18077	RBO 4 Muvattupuzha	Y
140	SME MUVATTUPUZHA	63658	RBO 4 Muvattupuzha	X
141	KOOTHATTUKULAM	70148	RBO 4 Muvattupuzha	Y
142	KOTHAMANGALAM TOWN	70149	RBO 4 Muvattupuzha	Y
143	KACHERITHAZHAM, MUVATTUPUZHA.	70151	RBO 4 Muvattupuzha	Y
144	PERUMBAVOOR TOWN	70154	RBO 4 Muvattupuzha	Y
145	KOLENCHERRY	70159	RBO 4 Muvattupuzha	Y
146	PIRAVOM TOWN	70160	RBO 4 Muvattupuzha	Y
147	KALLOORKAD	70204	RBO 4 Muvattupuzha	Y
148	PAMPAKUDA	70290	RBO 4 Muvattupuzha	X
149	MUDICAL	70305	RBO 4 Muvattupuzha	Y
150	VADAVUKODE	70316	RBO 4 Muvattupuzha	Y
151	PAIPRA ADB	70469	RBO 4 Muvattupuzha	X
152	KOLENCHERRY M O S C M H	70498	RBO 4 Muvattupuzha	Y
153	MARADY	70504	RBO 4 Muvattupuzha	Y
154	ODAKKALI	70519	RBO 4 Muvattupuzha	X
155	CHELAD	70537	RBO 4 Muvattupuzha	Y
156	KAKKOOR	70543	RBO 4 Muvattupuzha	Y
157	VALAYANCHIRANGARA	70558	RBO 4 Muvattupuzha	X
158	VALAKOM	70580	RBO 4 Muvattupuzha	Y
159	SANSKRIT UNIVERSITY, KALADY	70717	RBO 4 Muvattupuzha	X

ADMINISTRATIVE OFFICE ERNAKULAM

160	KOTTAPPADY	70829	RBO 4 Muvattupuzha	X
161	PATTIMATTOM	70931	RBO 4 Muvattupuzha	Y
162	MALAYATTOOR	70959	RBO 4 Muvattupuzha	X
163	NELLIKUZHY	70992	RBO 4 Muvattupuzha	X
164	SME PERUMBAVOOR	71017	RBO 4 Muvattupuzha	X
165	KURUPPAMPADY	71101	RBO 4 Muvattupuzha	X
166	PAINGOTTOOR	71260	RBO 4 Muvattupuzha	X
167	KATTAPANA A D B	5560	RBO 5 Thodupuzha	Y
168	NEDIASALA	6457	RBO 5 Thodupuzha	X
169	PERUVANTHANAM	6459	RBO 5 Thodupuzha	X
170	KOOTTAR	7621	RBO 5 Thodupuzha	X
171	ADIMALY	8588	RBO 5 Thodupuzha	Y
172	MARAYOOR	8644	RBO 5 Thodupuzha	X
173	G H ROAD, MUNNAR	8650	RBO 5 Thodupuzha	X
174	THODUPEZHA	8674	RBO 5 Thodupuzha	Z
175	UDUMBANNOOR	8681	RBO 5 Thodupuzha	Y
176	VELLATHUVAL	8689	RBO 5 Thodupuzha	Y
177	PBB THODUPEZHA	16887	RBO 5 Thodupuzha	X
178	RAJAKKAD	62268	RBO 5 Thodupuzha	Y
179	IDUKKI	70027	RBO 5 Thodupuzha	Y
180	ELAPPARA	70104	RBO 5 Thodupuzha	Y
181	PEERMADE	70109	RBO 5 Thodupuzha	Y
182	VANDIPERIYAR	70126	RBO 5 Thodupuzha	Y
183	DEVIKULAM	70129	RBO 5 Thodupuzha	X
184	KUMILY	70132	RBO 5 Thodupuzha	Y
185	MUNNAR	70135	RBO 5 Thodupuzha	Y
186	THODUPEZHA TOWN	70155	RBO 5 Thodupuzha	Y

ADMINISTRATIVE OFFICE ERNAKULAM

187	KARIMANNOOR	70161	RBO 5 Thodupuzha	X
188	NEDUMKANDAM	70216	RBO 5 Thodupuzha	X
189	KARIMKUNNAM	70224	RBO 5 Thodupuzha	X
190	MOOLAMATTOM	70258	RBO 5 Thodupuzha	Y
191	VAGAMON	70315	RBO 5 Thodupuzha	X
192	THOOKKUPALAM	70369	RBO 5 Thodupuzha	Y
193	THEKKUMBHAGOM	70408	RBO 5 Thodupuzha	X
194	MUTTOM ADB	70441	RBO 5 Thodupuzha	X
195	RAJAKUMARI	70453	RBO 5 Thodupuzha	X
196	PARATHODE	70514	RBO 5 Thodupuzha	X
197	POTTENKAD	70527	RBO 5 Thodupuzha	X
198	ANAVILASOM	70585	RBO 5 Thodupuzha	X
199	IRUMPUPALAM	70592	RBO 5 Thodupuzha	Y
200	MULLARINGAD	70618	RBO 5 Thodupuzha	Y
201	ADIMALI TOWN	70668	RBO 5 Thodupuzha	X
202	KATTAPPANA	70698	RBO 5 Thodupuzha	Y
203	ANAKKARA	70784	RBO 5 Thodupuzha	X
204	KARIKODE- THODUPUZHA	70886	RBO 5 Thodupuzha	Y
205	SME THODUPUZHA	70933	RBO 5 Thodupuzha	X
206	VAZHITHALA	70962	RBO 5 Thodupuzha	Y
207	VENGALLOOR	71085	RBO 5 Thodupuzha	Y
208	SBLC Kochi	7747	Admin Offices Circle	Z
209	ADMIN OFFICE ERNAKULAM	8769	Admin Offices EKM	Z
210	RBO 1 ERNAKULAM	14920	Admin Offices EKM	X
211	RBO 2 ERNAKULAM	14921	Admin Offices EKM	X
212	RBO 4 MUVATTUPUZHA	16220	Admin Offices EKM	Y
213	RBO 3 ERNAKULAM	61010	Admin Offices EKM	X

ADMINISTRATIVE OFFICE ERNAKULAM

214	RBO 5 THODUPUZHA	61011	Admin Offices EKM	Y
215	GLOBAL NRI CENTRE	61038	Admin Offices Circle	Z
216	AGM SME AO ERNAKULAM	63582	Admin Offices EKM	X
217	TFPCPC ERNAKULAM	5066	BPR Cells EKM	X
218	RACPC ERNAKULAM	10158	BPR Cells EKM	Z
219	CAC ERNAKULAM	10299	BPR Cells EKM	X
220	LCPC ERNAKULAM	15159	BPR Cells EKM	Z
221	RASMECCC ALUVA	15424	BPR Cells EKM	Y
222	RASMEC MUVATTUPUZHA	61046	BPR Cells EKM	Z
223	RACPC II ERNAKULAM	70903	BPR Cells EKM	Z
224	CAC ELAPPARA	63103	BPR Cells EKM	X
225	RACC (R&DB) THODUPUZHA	63308	BPR Cells EKM	Y
226	RACC (R&DB) KATTAPPANA ADB	63309	BPR Cells EKM	Y
227	RACC (R&DB) ADIMALY	63310	BPR Cells EKM	Y
228	DAC/DATA ARCHIVE CENTRE	15159	BPR Cells EKM	X
229	COMMERCIAL BRANCH	4062	CC OUTFIT	Z
230	ISB Ernakulam	70694	CC OUTFIT	X
231	ARMP	70683	CC OUTFIT	X
232	SARB	5182	CC OUTFIT	X

- There may be changes in the category of the branches depending on load enhancement due to increase in connected load.
- The sanctioned load of KSEB will be taken as the criteria for fixing the category of the branch/ office and the payment will be based on the same.
- For Z category/HT substation, with single metering for various out fits, Auditor shall submit report for the HT Substation considering all the connected loads and **individual reports to each outfits connected to the system**

- For Z category branches, Thermo graphic images of DB's, panel boards shall be enclosed with the report without which payment may not be released.
- All Empaneled Electrical Auditors can apply for Category X & Category Y.
- For Category Z, only Empaneled Electrical Auditor with accreditation for Energy Auditing shall be eligible. Proof for the same shall be enclosed as documentary proof

ANNEXURE – E - PRICE BID FORMAT

SLNO	BRANCHES UNDER CATEGORY X	BRANCHES UNDER CATEGORY Y	BRANCHES UNDER CATEGORY Z
	LT category upto 30KW	LT category above 30KW - 60KW	HT category/ connected load above 60KW
	Rate quoted per branch in Rs (Exclusive of GST)	Rate quoted per branch in Rs (Exclusive of GST)	Rate quoted per branch in Rs (Exclusive of GST)
	In Fig: In words:	In Fig: In words:	In Fig: In words:

Place :

Signature

Date :

Stamp