

STATE BANK OF INDIA THIRUVANANTHAPURAM CIRCLE

INVITES TENDERS IN TWO BID SYSTEM FOR

ELECTRICAL SAFETY AUDIT FOR OFFICES/BRANCHES OF ADMINISTRATIVE OFFICE TRIVANDRUM, SBILD TRIVANDRUM, LOCAL HEAD OFFICE TRIVANDRUM CC AND LHO ESTABLISHMENTS UNDER THIRUVANANTHAPURAM

Last date for submission of Tender: 03.00 P.M. (IST) on 21/05/2024.

Opening of Tender: 03:30 P.M. (IST) on 21/05/2024.

NIT NO: THI/2024/AO-TVM/02

Name & Address of Contractor				

The Deputy General Manager,
SBI Administrative Office.
Sangamam Building,
Palayam,
Thiruvananthapuram- 695001

Tenders are invited by State Bank of India, from **SBI Empaneled Electrical Auditors for Thiruvananthapuram Circle** for conducting Electrical Safety Audit for its branches and office under Administrative Office Thiruvananthapuram/SBILD & LHO Thiruvananthapuram.

All Empaneled Electrical Auditors can apply for Category X & Category Y.
For Category Z, only Empaneled Electrical Auditor with accreditation for Energy Auditing only shall be eligible. Proof for the same shall be enclosed as documentary proof

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

1.	Name of Work	ELECTRICAL SAFETY AUDIT FOR
		OFFICES/BRANCHES OF ADMINISTRATIVE
		OFFICE TRIVANDRUM, SBILD TRIVANDRUM &
		LOCAL HEAD OFFICE TRIVANDRUM
2.	Issue of the document in SBI	www.sbi.co.in -> SBI in the news-> Procurement
	website-	news from 01.05.2024 to 21.05.2024
3.	Last date and time of receipt of	On or Before 21.05.2024by 3.00PM
	application	
4.	Address at which the applications	DGM(B&O),SBI Administrative Office, Third
	are to be submitted	Floor, Sangamam Building, Palayam,
		Thiruvanathapuram -695001
5.	Date ,place ,Time of opening of	21.05.2024 by 3.30 PM
	Application	SBI Administrative Office, Third Floor,
		Sangamam Building, Palayam,
		Thiruvanathapuram -695001
6.	Validity of rate contract	Six months from the date of approval
7.	For clarification and other details	Please contact :
		Electrical Engineer:- 0471-2192410/9497178965

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 1-26), in sealed envelopes with necessary certificate and documents should be addressed to the Deputy General Manager, State Bank Of India Administrative Office Thiruvananthapuram, Third Floor, Sangamam Building, Palayam, Thiruvananthapuram-695001 and super scribed on the Outer Cover "RATE CONTRACT TENDER FOR ELECTRICAL SAFETY AUDITORS FOR VARIOUS OFFICES/BRANCHES OF SBI UNDER AO THIRUVANANTHAPURAM". Applicant must mention the quote separately for each category for which they wish to apply.
- b. <u>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.</u>
- 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)

TERMS AND CONDITIONS

- 1. The number of branches mentioned below is tentative.
- 2. After rate standardization the lowest rates will be advised to SBI RBO & Branches other outfits under the geographical area of Administrative Office Thiruvananthapuram 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 and 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 four copies of audit reports to the respective Branch, Regional Manager(RBO Trivandrum), Chief Manager (Administrative office, Trivandrum), 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, Thiruvananthapuram 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 coordination. 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. No advance is payable.
- 21. Upon the non-successful submission of report in required format in 4 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, Trivandrum 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, SBI reserves the right to ask for re auditing the premises without any additional payment.
- 29. 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:	Accepted/Not accepted
Place:	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 and 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.
- I. 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 separately with individual connected load particulars.
- p. If there is any change in the category of branch, then the sanctioned load as per electricity bill will be consider as final for fixing the X,Y and Z category of the branch.

Deputy General Manager (B&O), AO Thiruvananthapuram, Sangamam Building, Palayam, Thiruvananthapuram -695001

ELECTRICAL / FIRE SAFETY AUDIT FOR OFFICES/BRANCHES OF SBI ADMINISTRATIVE OFFICE THIRUVANANTHAPURAM, SBI LHO, SBILD THIRUVANANTHAPURAM

(Invariably respond to all the following parameters/aspects. Do not delete or add any parameter from/to this list.) $\frac{1}{2} \int_{-\infty}^{\infty} \frac{1}{2} \left(\frac{1}{2} \int_{-\infty}^{\infty} \frac{1}{2} \int_{-\infty}^{\infty} \frac{1}{2} \left(\frac{1}{2} \int_{-\infty}^{\infty} \frac{1}$

SI No	Parameter	Your
00	i di dinicio.	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 stipulate do hereby agree to each and every item indicated th	•
	Dated this day of2024.	
COMPANY	SEAL AUTHORISED SIGNATORY	OF THE COMPANY

ELECTRICAL / FIRE SAFETY AUDIT FOR OFFICES/BRANCHES OF SBI ADMINISTRATIVE OFFICE THIRUVANANTHAPURAM, SBI LHO TVPM, SBILD THIRUVANANTHAPURAM

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

Annexure -A

Date:

Place:

Address

Name of the Firm / Electrical Safety Auditors

1.

2.

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	

Signature of authorized signatory with seal

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.N O	DESCRIPTION	STANDA WATTAG		INVENTO	ÌR۱	/ FLOOR WISE		TOTAL WATTAGE(KW)
		WATTAC	<u>,</u>	I st		II nd		WATTAGE(KW)
1				1 00		ii iid		
2								
3								
4								
5								
6								
0	TOTAL LOAD(KW)							
SI No	Check points		Pre	esents Status	F	Rectifications		Observations/Comments
5	One on pointe		det des	ailed scription shall provided	[[proposed. Detailed description shall be		
					þ	provided		
1	Whether demand load than the sanctioned load							
2	Whether penalty is being imposed on electricity land may be ascertained from electricity bill of April/May/June/July	oills(I						
3	Whether additional ele- load is required from p distribution company							
4	Whether Lightning arre provided for Multi store building							
5	Whether DB's are prop	erly						
6	Whether Electrical equ of pantry are properly connected to plug sock arrangement with MCE	cet						
7	Whether panel boards distribution boards wer and checked for overholoose contact, blacken the electrician who und the preventive mainten	e opened eating, ing etc by lertake						
8	Whether branch has arrangement for period maintenance if so nam contact no and address	e, S						
9	General condition of A	s water					1	

	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		
12	Whether Load is balanced in all phases to avoid unbalancing of phases		
13	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		
14	Whether cables are properly terminated		
15	Whether existing MCB /MCCB/ELCB provided are of adequate rating		
16	Whether MCCB/MCB/ELCB provided in Distribution boards are functioning properly		
17	Whether all plug points are provided with proper earth lead		
18	General Condition of Electrical wiring and type of electrical wiring Open/concealed		
19	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		
20	Whether ELCB is provided for Glow sign board		
21	Whether system room AC's and glow sign boards are		

		I	T	T
	provided with timer mechanism of adequate rating and functioning properly			
22	Whether UPS room is properly ventilated and isolated from printer room, system, record room			
23	Whether UPS output is provided for CCTV, Fire alarm system and emergency loads			
24	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			
25	Any hanging/unprotected loose electrical live wires inside the branch premises			
26	Whether power supply to Locker, strong rooms, record/Stationary are disconnected by the removal of three core wire and plug arrangement			
27	Condition of earthing with meggered values and whether meggered resistance values are within the standards			
28	Condition of HT transformer, Breaker, Power cables, Load break switch			
29	Whether Cos is of proper capacity			
30	Whether DG sets neutral and body are independently grounded			
31	Whether AC points are at easily accessible height			
32	Whether Air conditioners, stabilizers are functioning properly. Please specify the Quality and type of stabilizer			
33	Whether AC's and UPS systems are under AMC			
34	Readings for Incoming Voltage and Current at peak hours between 11.00AM to 3.00PM as per the below format			

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

48	All disposable records, broken furniture etc accumulated at the premises have been cleared	
49	In the pantry/canteen LPG is used (Yes/No)	
50	Whether Exhaust fan is installed in UPS room	
51	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	
52	At least two 6Kg ABC capacity fire extinguishers are placed near the Diesel Generator?	

Parameter	Test Point	Reading	Standard range	Observation
Voltage at	Between phases,			
Incoming point	Between Phase and neutral,			
	N-E			
Current at	R phase			
Incoming point	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.	
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:
	Stamn:

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	66	86	11

ANNEXURE - D-BRANCH DETAILS

Sl. No	RBO	BRANCH CODE-BRANCH NAME	CATEGORY
1	RBO1	08293 - KANNAMMOOLA	Х
2	RBO1	08671 - THAMPANOOR	Х
3	RBO1	10707 - MEDICAL COLLEGE CAMPUS TRIVANDRUM	Х
4	RBO1	13313 - PANAVILA	Х
5	RBO1	16084 - SREEKANTESWARAM KAITHAMUKKU	Х
6	RBO1	70292 - KERALA UNIVERSITY OFFICE CAMPUS	Х
7	RBO1	70308 - VELLAYAMBALAM	Х
8	RBO1	70506 - BAKERY JUNCTION	Х
9	RBO1	70690 - NANTHENCODE P. B. BRANCH	Х
10	RBO1	70923 - PBB AMBALAMUKKU	Х
11	RBO1	71125 - KURAVANKONAM	Х
12	RBO2	07622 - KOTTUKAL	Х
13	RBO2	08292 - VALIYAVILA TRIVANDRUM	Х
14	RBO2	10694 - PARASSALA TOWN	Х
15	RBO2	10704 - KANJIRAMKULAM	Х
16	RBO2	70032 - POOJAPURA	Х
17	RBO2	70049 - VENGANOOR	Х
18	RBO2	70458 - DHANUVACHAPURAM	Х
19	RBO2	70460 - UDIYANKULANGARA ADB	Х
20	RBO2	70544 - NELLIMOODU	Х
21	RBO2	70566 - POZHIYOOR	Х
22	RBO2	70588 - KUDAPPANAMOODU	Х
23	RBO2	70950 - CHOWARA	Х
24	RBO2	71190 - PERUMKADAVILA	Х
25	RBO2	71191 - AMBALATHARA	Х
26	RBO2	71192 - KALADY THIRUVANANTHAPURAM	Х
27	RBO3	07617 - TECHNOPARK TRIVANDRUM	Х
28	RBO3	12318 - TECHNO VALLEY	Х
29	RBO3	32675 - CHAVARCODE	Х
30	RBO3	70043 - KARYAVATTAM	Х
31	RBO3	70045 - PALLITHURA	Х
32	RBO3	70047 - PUTHUKURUCHY	Х
33	RBO3	70347 - CHERUNNIYOOR	Х
34	RBO3	70406 - PALLIPPURAM	Х
35	RBO3	70422 - POONTHURA	Х
36	RBO3	70631 - N R I BRANCH- ATTINGAL	Х
37	RBO3	70737 - TEJASWINI TECHNOPARK TRIVANDRUM	Х
38	RBO3	70795 - CHACKAI	Х
39	RBO3	71068 - EDAVA	Х

		T	
40	RBO3	71171 - ANAYARA	Х
41	RBO4	07253 - THEMBAMOOD	Х
42	RBO4	07854 - VALIYAMALA	Х
43	RBO4	08030 - PONGANADU	Х
44	RBO4	10597 - H L L PEROORKADA	Х
45	RBO4	10691 - KATTAKKADA	Χ
46	RBO4	10693 - NEDUMANGAD TOWN	Х
47	RBO4	10787 - NETTAYAM	Χ
48	RBO4	13221 - THACHOTTUKAVU PEYAD	Χ
49	RBO4	32676 - KOTTOOR	Х
50	RBO4	70052 - VAMANAPURAM	Χ
51	RBO4	70214 - VITHURA	Χ
52	RBO4	70286 - MADAVOOR	Х
53	RBO4	70302 - POOVACHAL ADB	Х
54	RBO4	70322 - OTTASEKHARAMANGALAM	Х
55	RBO4	70433 - VATTIYOORKAVU	Х
56	RBO4	70503 - PALLICKAL THIRUVANANTHAPURAM	Χ
57	RBO4	70525 - MADATHARA	Х
58	RBO4	70546 - PANGODE	Χ
59	RBO4	70547 - UZHAMALACKAL	Χ
60	RBO4	70738 - MALAYINKEEZHU	Х
61	RBO4	70793 - VELLANAD	Х
62	RBO4	70796 - KUDAPPANAKUNNU	Х
63	RBO4	70861 - ENIKKARA	Х
64	RBO4	70872 - KALLARA	Х
65	RBO4	70884 - PBB NEDUMANGAD	Х
66	RBO4	71176 - PULIYARAKONAM	Х
1	RBO1	03355 - PATTOM	Υ
2	RBO1	04182 - PERSONAL BANKING BRANCH TRIVANDRUM	Υ
		04478 - TREASURY BR THIRUVANANTHAPURAM	
3	RBO1	10298 - CURRENCY ADMN CELL TVM	Υ
4	RBO1	04685 - JAWAHAR NAGAR [TVM]	Υ
5	RBO1	07019 - NRI TRIVANDRUM	Υ
6	RBO1	07203 - ALTHARA JUN.TVM	Υ
7	RBO1	07211 - SME BRANCH THIRUVANANTHAPURAM	Υ
8	RBO1	07898 - NANTHENCODE TVM	Υ
9	RBO1	13312 - VANCHIYOOR	Υ
10	RBO1	16083 - MARUTHAMKUZHY	Υ
11	RBO1	16656 - PBB SASTHAMANGALAM	Υ
12	RBO1	17183 - PONGUMOODU	Υ
13	RBO1	17756 - COTTON HILL	Υ
14	RBO1	18145 - KUMARAPURAM	Υ

15	RBO1	70020 - KOWDIAR	Υ
16	RBO1	70023 - SASTHAMANGALAM	Υ
17	RBO1	70026 - PUTHENCHANTHAI	Υ
18	RBO1	70029 - THIRUVANANTHAPURAM- MEDICAL COLLEGE	Υ
19	RBO1	70033 - VAZHUTHACAUD	 Y
20	RBO1	70212 - LIC JUNCTION PATTOM	 Y
21	RBO1	70213 - PETTAH BRANCH	Υ
22	RBO1	70263 - SANTHI NAGAR	 Y
23	RBO1	70338 - KAITHAMUKKU	 Y
24	RBO1	70415 - VIKAS BHAWAN	 Y
25	RBO1	70493 - K. S. E. B. ADMN. COMPLEX	У
26	RBO1	70671 - KESAVADASAPURAM	 Y
		70828 - SPL NRI PREM BKG CENTRE	·
27	RBO1	THIRUVANANTHAPU	Υ
28	RBO2	03826 - MARAKADA ROAD TRIVANDRUM	Υ
29	RBO2	10112 - NEYYATTINKARA TOWN	Υ
30	RBO2	10595 - POONKULAM BRANCH	Υ
31	RBO2	60333 - FORT BRANCH THIRUVANANTHAPURAM	Υ
32	RBO2	70019 - VELLAYANI	Υ
33	RBO2	70022 - THIRUMALA	Υ
34	RBO2	70024 - MANACAUD	Υ
35	RBO2	70030 - INDUSTRIAL ESTATE PAPPANAMCODE	Υ
36	RBO2	70031 - KARAMANA	Υ
37	RBO2	70035 - BALARAMAPURAM	Υ
38	RBO2	70037 - PARASSALA	Υ
39	RBO2	70042 - NEYYATTINKARA	Υ
40	RBO2	70046 - POOVAR	Υ
41	RBO2	70295 - CHENTHITTA	Υ
42	RBO2	70307 - PRAVACHAMBALAM	Υ
43	RBO2	70325 - VIZHINJAM	Υ
44	RBO2	70356 - OORUTTAMBALAM	Υ
45	RBO2	70481 - TEMPLE VIEW THIRUVANANTHAPURAM	Υ
46	RBO2	70568 - JAGATHY	Υ
47	RBO2	70851 - S C T ENGINEERING COLLEGE	Υ
48	RBO2	71075 - UCHAKKADA	Υ
49	RBO2	61001- RBO 2, THIRUVANANTHAPURAM	Υ
50	RBO3	02279 - THUMBA	Υ
51	RBO3	04237 - VALIATHURA	Υ
52	RBO3	05317 - MANGALAPURAM	Υ
53	RBO3	06686 - SREEKARIYAM	Υ
54	RBO3	07017 - ATTINGAL	Υ
55	RBO3	70025 - SANGHUMUGHOM	Υ

56	RBO3	70038 - KADAKKAVOOR	Υ
57	RBO3	70039 - MAMOM ATTINGAL	Υ
58	RBO3	70044 - CHIRAYINKEEZHU	Υ
59	RBO3	70050 - VAKKOM	Υ
60	RBO3	70221 - KALLAMBALAM TOWN	Υ
61	RBO3	70268 - ENGINEERING COLLEGE- KULATHOOR	Υ
62	RBO3	70288 - KALLAMPALLY JUNCTION SREEKARYAM	Υ
63	RBO3	70312 - PERUNKUZHI	Υ
64	RBO3	70424 - KOCHUVELI	Υ
65	RBO3	70445 - KAZHAKUTTAM	Υ
66	RBO3	70581 - AKKULAM	Υ
67	RBO3	70667 - ALAMCODE	Υ
68	RBO3	70722 - CHEMPAKAMANGALAM	Υ
69	RBO4	70041 - KILIMANOOR	Υ
70	RBO4	08787 - THATTATHUMALA	Υ
71	RBO4	10789 - VENJARAMOOD TOWN	Υ
72	RBO4	12319 - VATTAPPARA	Υ
73	RBO4	16081 - MANNANTHALA	Υ
74	RBO4	70018 - POTHENCODE	Υ
75	RBO4	70040 - COLLEGE ROAD KATTAKADA	Υ
76	RBO4	70278 - VEMBAYAM	Υ
77	RBO4	70383 - PEYADU	Υ
78	RBO4	70434 - PEROORKADA- INDIRANAGAR	Υ
79	RBO4	70523 - PALODE	Υ
80	RBO4	70639 - NALANCHIRA	Υ
81	DGM	04350 - COMMERCIAL BRANCH TRIVANDRUM	Υ
82	DGM	04494 - RACPC I TRIVANDRUM	Υ
83	DGM	61042 - RASMEC KAZHAKOOTAM	Υ
84	LHO	4477-CPPC	Υ
85	LHO	15210-DAC	Y
86	СС	10058-SARB TRIVANDRUM	Y
1	RBO1	00941 - THIRUVANANTHAPURAM	Z
2	7	04360 - SPL PBB THIRUVANANTHAPURAM 14916-RBO 1, THIRUVANANTHAPURAM 61002- RBO 3, THIRUVANANTHAPURAM	7
2	7	06204- AO, TRIVANDRUM	Z
3	RBO1	70252 - MAIN TREASURY TRIVANDRUM 70028 - TRIVANDRUM CITY	Z
4	RBO3	70048 - MAIDANAM VARKALA	Z
5	RBO4	70036 - NEDUMANGAD	Z

6	DC14	40000 CMF CITY CDFDIT CFNTDF TDN/ANDDUNA	-
6	DGM	13202 - SME CITY CREDIT CENTRE TRIVANDRUM	Z
		61003- RBO 4, THIRUVANANTHAPURAM	
7	DGM	61043 - RASMECCC NEDUMANGAD	Z
8	DGM	70901 - RACPC - II THIRUVANANTHAPURAM	Z
9	LHO	70578-CCPC	Z
		4282-LHO	
		70502 - NEW ADMINISTRATIVE COMPLEX-	
		POOJAPURA	
10	LHO	61181-SBILD	Z
		61035-CAO THRIUVANANTHAPURAM	
11	CC	61146-GOC THIRUVANANTHAPURAM	Z

- 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 with their respective connected load details.
- For Z category branches, thermos-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

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 Fig:	In Fig:
In words:	In words:	In words:

Place:	Signature
Date:	Stamp