



**THE KERALA STATE CO-OPERATIVE BANK LTD.  
(A Scheduled Bank)**

**Cobank Towers, Palayam, Thiruvananthapuram – 33  
Ph. No.0471-2547200/2317081**

**Website: [www.keralacobank.com](http://www.keralacobank.com).**

No:-P&E/1/21-237A/HO Main Elec II/2557/2018-19

09.11.2018

**TENDER NOTICE**

**KSCB Ltd** invites sealed competitive tender for the work of '**SITC of Surge protective Devices for Preventing Lightning Strike @ Cobank Towers of KSCB Ltd** from manufacturers/ Authorized dealers/Contractors having service facility and offices in Trivandrum/Neighboring districts only.

1	Nature of Tender	Competitive/Offline
2	Period of completion	Within 10 days from the date of work order
3	Address for submission of tenders.	Managing Director Kerala State co-operative Bank Ltd. Cobank Towers, Palayam, Thivandrum-33 Ph. No.0471-2547200/2317081
4	Last date & Time of receipt of Tender	30/11/2018@3pm
5	Time of opening of Tender	30/11/2018@4pm

Further details regarding the tender for the work can be had from **Assistant Engineer (Electrical) KSCB Ltd** (Ph:0471 2547228/9946951643) during working days. The KSCB Ltd reserves the right to accept or reject any or all tenders without assigning any reason whatsoever.

**Managing Director**

**KSCB Ltd**

**SIGNATURE & SEAL OF TENDERER**

## Important Notice to the Tenderers

The contractors/Tenderer who are already having three contracts on hand from Government/Similar/Private Institutes (i.e.; 3 nos. work for which work orders have already been issued by the concerned department / controller) are eligible to bid for this work.

- 1) The contractors who are bidding for this work should furnish the details of work on hand from similar works in a separate envelope suitably super scribed" Details of works in hand with offices" in the form of the format enclosed (Next Page), Contractors not having any work should furnish a NIL statement
- 2) The Contractor/s for bidding the tender, who do not furnish the details of work in hand or furnishing false details will be summarily rejected. If found any contractor is furnishing false statement are liable to be removed from the empanel list and their security Deposit will be forfeited
- 3) The tenders of contractors who satisfy the above conditions only will be opened and others will be rejected.

contractors are here by instructed to read the above instructions carefully and submit the tenders (all pages excluding page no.3 of this tender document) and the duly filled Declaration statement as per the enclosed format in next page (Page no.3 of this tender document) in separate sealed covers, The tender document and declaration statement may be enclosed in a third cover and marked Tender for "SITC of SPD's@CobankTower KSCB Ltd".

**DECLARATION**

(to be filled & submitted by the Tenderer in a separate sealed cover)

To

The Managing Director  
KSCB Ltd

I/ We.....

that I/We am/ are undertaking three contracts on hand from Government/Private/similar institutes. I/We am / are aware that furnishing of false information will lead to removal from banks panel and forfeiting of the security Deposit. I/We am /are also attaching the details of work in hand from Government/similar institutes for your reference.

Details of work in hand from Govt/PSU Institutions			
Sl. No.	Name of Work	Date of award of work	Work Details
1			
2			
3			
4			

Place :

Date:

**SIGNATURE & SEAL OF TENDERER**

**DETAILS OF SERVICE FACILITY in TRIVANDRUM/NEAR BY DISTRICTS**

<b>Name of Contact Person / s:</b>	
<b>Contact Telephone Number:</b>	
<b>Full Office Address:</b>	

Note: Failure to respond to the test calls made by us on the above contact number and submission of false information or wrong address will lead to disqualification of the bidder and their offer will be summarily rejected.

The offer from those bidders who have no service facility in Thiruvananthapuram will be summarily rejected irrespective of rates quoted.

**TERMS & CONDITIONS**

1. The quoted rate should include all taxes, levies, cost of transportation & loading and unloading at site.
2. **The quoted rate should also include the cost of fixing of Nuts/Bolts on base frame, alignment water piping, laying of exiting cable system and control/Power wiring between enclosure and connectivity box with proper legs.**
3. Time period for delivery is 10 days from the date of Work order.
4. Delay beyond 10 days will attract compensation towards liquidated damages @ Rs.500/- per day.
5. No advance payment.
6. works under supplier's scope and wall openings made if any should be sealed using cement mortar only and should be finished to the plastering level.

**SIGNATURE & SEAL OF TENDERER**

**LIST OF ACCEPTABLE MAKES OF EQUIPMENTS:**

SPD's	: Raycap/Obobetter man/Equivalent
Enclosure	: Havells/Legrand/Equivalent
Cables(power)	: Finolex / V-Guard/Equivalent
Cables (control)	: Finolex / V-Guard/Equivalent

(1) Quotation Validity	<b>60 Days</b>
(2) Period of Work Completion	<b>10 Days</b> from date of work order
(3) Defects Liability Period / Warranty	Twelve months from the date of commissioning
(4) <b>Liquidated Damages for delay in completion</b>	<b>@ Rs.500/- per day</b> up to maximum of 10% of total value after completion period.
(5) Date of commencement	From the date of receipt of work order.
(6) Payment	Payment will be released against supply and installation of items.
1.EMD (7) 2.Cost of Tender Form	1) <b>Rs -1500/-</b> by way of Demand Draft infavour of Managing Director, KSCB Ltd. 2) <b>Rs. 300+ GST@12%/-</b> by way of Demand Draft infavour of Managing Director, KSCB Ltd.
(8). Rate quoted	Inclusive of <b>all duties, GST, cost of transportation loading, unloading, leading and incidental charges if any.</b>

The sealed cover containing all the four pages of this tender document should be filled, signed and sealed by the bidder and **Superscribed with** "SITC of Surge protective Devices for Preventing Lightning Strike @ Cobank Towers of KSCB Ltd" should be submitted to **Managing Director,KSCB Ltd ,Thiruvnanathapuram through post only.**

SIGNATURE &amp; SEAL OF TENDERER

## Schedule of Work

**Name of work: SITC of Surge protective Devises (SPD's)  
for preventing Lightning Strike**

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SI. No	Description	Unit	Qty	Rate
	<b>V Sat, Asianet, Set up Box Protection</b>			
1	Supply and Installation of Surge Protection device for Coaxial Lines shall be tested as per IEC 61643-21 with MCOV 180V DC with Nominal discharge current (8/20 $\mu$ s) of 10kA & Maximum discharge current 8/20 $\mu$ s) of 20 kA. Residual voltage at (1kV/ $\mu$ s) shall be <700V. Series Impedance of 750 $\Omega$ . Frequency range 0 - 2.0 GHz. Degree of protection should be IP20. Protective element should be low capacitance gas discharge arrestors. Insertion loss shall be less than 0.4 dB. Termination shall be M-F type. Make :Raycap	Nos	10	
2	Supply and Installation of Enclosure For Above	Nos	10	
	<b>BSNL. RJ 11 Protection</b>			
3	Supply and Installation of Surge Protection Device for single telephone shall be tested as per IEC 61643-21 with MCOV 175V DC. Maximum operating current shall be 150mA. Nominal discharge current (8/20 $\mu$ s) shall be 5 kA. Voltage protection level at nominal discharge current for L-L shall be $\leq$ 300V & for L-G shall be $\leq$ 1000V. Frequency range upto 10 MHz. L-L response tme shall be less than 5 nano sec & L-G response tme shall be less than 100 nano sec. Input/Output connection terminal shall be suitable for Rj11/Rj45. Degree of protection shall be of IP20. Make: Raycap.	Nos	2	
	<b>Vodafone, Jio, Rj 45 Protection</b>			
4	Supply and Installation of Surge Protection Devices for Rj 45 application shall be tested as per IEC 61643-21 with MCOV (L-L) 50V DC & MCOV (Pair-Pair) 72V DC. It shall give protection to all 4 lines in the UTP, STP and shall be CAT6 capable. No. of protected pairs shall be 4.	Nos	3	

	Rated load current at 25°C shall be 1A. Total discharge current (8/20 μs) L-G shall be 10kA. Impulse Discharge current (10/350 μs) shall be 1kA. Voltage protection level at nominal discharge current for L-L shall be 150V & for L-G shall be 550V. Cut-of frequency shall be 250 MHz. Response time shall be <1 nano sec. Input/Output connection type shall be Rj45 sockets. Degree of protection shall be IP20.SPД design shall fulfill all versions of PoE applications compatible with standards IEEE 802.3af and IEEE 802.3 at Make: Raycap.			
5	Supply and Installation of 20mm pvc conduit with all accessories required.	MTR	20	
6	Supply, laying and termination of 16 sqmm pvc Insulated cu conductor single core for Earthing through existing pvc conduit	MTR	10	
7	Supply, laying and termination of 1.5 sqmm pvc Insulated cu conductor single core for earthing through existing pvc conduit	MTR	120	
<b>Total</b>				

**Quoted Rate of the Contractor**

I. . . . .do hereby to execute the above work  
at the Rate of. . . . .

Contractor