



LBS INSTITUTE OF TECHNOLOGY FOR WOMEN
(A Government of Kerala Undertaking)
POOJAPPURA, THIRUVANANTHAPURAM, KERALA - 695 012
Phone: 0471-2349232, Fax: 0471-2343395

TENDER NOTICE

No: P2/TEQIP – II/320/LBSITW/2020

Date: 20-02-2020

Tender No: P2/TEQIP – II/320/LBSITW/2020, Dated 20-02-2020.

Sealed competitive tenders are invited by the Principal, LBS institute of Technology for Women, Poojappura, Thiruvananthapuram, Kerala, Pin 695 012, from the authorized suppliers / dealers for the supply and installation of UTM Box under TEQIP – II, with buy baking of existing UTM Box (Fortigate 300C).

Description of items: Schedule Attached

The supply and installation of the item should be as per the details in the schedule given below.

- | | | | |
|---|--|---|---|
| 1 | Period of completion of the supply and installation | : | <i>Within 25 days from the date of supply order</i> |
| 2 | Cost of Tender form | : | <i>₹.1,000/- + 190 (19% GST)</i> |
| 3 | EMD | : | <i>1 % of the Quoted Amount</i> |
| 4 | Last date of sale of Tender Form | : | <i>17-03-2020 up to 02:00 PM</i> |
| 5 | Last date and time of submission of Tender | : | <i>17-03-2020 up to 03:00 PM</i> |
| 6 | Date and time of opening of Tenders | : | <i>17-03-2020 up to 03:30 PM</i> |
| 7 | Date up to which the rates are to remain firm for acceptance. | : | <i>30-09-2020</i> |
| | Designation and address of the officer to whom the Tenders is to be addressed. | : | <i>Principal, LBS Institute of Technology for Women, Poojappura, Thiruvananthapuram, Kerala 695 012, on a written application along with a non refundable fee of ₹.1,000/- + 190 (19% GST) DD(Drawn in favor of the Principal, LBSITW, Poojappura, TVPM, payable at Thiruvananthapuram.</i> |

Encl: Schedule of the item.

Copy To:

- 1) College Website.
- 2) Notice Board.
- 3) Dealers / Suppliers.


PRINCIPAL



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TENDER

No: ***P2/TEQIP – II/320/LBSITW/2020***

Date: ***20-02-2020***

Tender for : ***The supply and installation of UTM Box***

Name of Tenderer :

Address :

Signature of the Tenderer

Last date of sale of Tender Form : ***17-03-2020 up to 02:00 PM***

Date and time of opening : ***17-03-2020 up to 03:30 PM***



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CONTENTS

- 1) **General Conditions.**
- 2) **Form Of Tender.**
- 3) **Specification of Item.**
- 4) **Form of Agreement.**



General Terms and Conditions

1. The product should be installed, commissioned and tested satisfactorily at customer site without changing the existing network components.
2. Should provide one day training at customer site.
3. Information brochures/Product catalogue, if any must be accompanied with the tender clearly indicating the model quoted for.
4. Payment shall be made as follows

 Delivery and Installation - 0% of total cost

 Satisfactory Acceptance - 100% of total cost
5. The product should provide unconditional support and services for **60 months** from the date of successful acceptance. Supporting documents from the manufacturer should be attached in this regard.
6. A total of five staff (both Faculty and Technical) of LBSITW should be given adequate training by the manufacturer(one staff per year).
7. Security deposit should be released only after the warranty period (5 years).

FORM OF TENDER

Sir,

I / We hereby tender to supply, under the annexed general conditions of the contract, the whole of the article referred to and described in the attached specification and schedule, or any portion thereof, as may be described by the Principal, LBS Institute of Technology for Women, Poojappura, Thiruvananthapuram, Kerala, PIN 695 012, at the rate tendered against the item. The articles will be delivered within the time and at the place specified in the schedule.

*I / We are / am remitting / have separately remitted the required amount of ₹.-----

-----as Earnest Money.

Yours faithfully,

Signature

Address



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SPECIFICATION OF UTM Box

No: P2/TEQIP – II/320/LBSITW/2020

Date: 20-02-2020

Tender No: P2/TEQIP – II/320/LBSITW/2020, Dated 20-02-2020.

Technical Specifications for the purchase of UTM Box 2019-2020 under TEQIP-II

Technical Specifications	Required
UTM must be appliance based; rack mountable.	Yes
Should support internal or external redundant Power Supply.	Yes
Device policy should be single policy where all the feature get applied such as firewall, IPS, threat protection, application control ,URL filtering, web content filtering , email protection, antivirus , SSL inspection , logging, NAT etc.	Yes
Firewall Throughput	15 Gbps or more
Firewall Max Concurrent Session	2 M or more
Firewall New Sessions per second	1,20,000 or more
IPS Throughput	1.8 Gbps or more
Next Generation firewall throughput	1.5 Gbps or more
Total Network Interfaces	Minimum 6 x GbE RJ45 Interfaces and 2 x 1 GbE SFP slots
VPN Throughput	1 Gbps or more
Bandwidth Management	Yes
Anti-spam technology, Multiple WAN Link support, Multiple Secondary IP address.	Yes

Multilayered client authentication	Yes
Advanced threat protection module	Yes
Web content filtering and web content caching.	Yes
Application control and filtering	Yes
Email scanning and protection	Yes
Load balancing among different links	Yes
IPSec VPN and SSL VPN, support for VLANs	Yes
Firewall must support Zoning option along with user based authentication.	Yes
Support for IPv4 and IPv6 routing protocols.	Yes
The proposed Solution should have option to Guarantee or limit bandwidth per User, User-Group level, Web category& application level.	Yes
Should have capability to scan all inbound files and content with the antivirus engine.Gateway Antivirus should be supported for real-time detection of viruses and malicious code for HTTP, HTTPS, FTP, SMTP, SMTPS, POP3, POP3S, IMAP and IMAPS.	Yes
Proposed solution should have Gateway Antispam for E-mail scanning with SMTP, POP3, and IMAP support. Solution should include protection against inbound & outbound Spam, Phishing mails etc.	Yes
Advanced techniques for intrusion prevention, anti-virus, email protection, anti-spam, web filtering, content filtering, application control, load balancing, VPN.	Yes
Protection against Domain Name Poisoning attacks, Email attacks.	Yes
IPS solution should have capability to protect against Denial of Service (DOS) and DDOS attacks and other major attacks.	Yes
The proposed system should have integrated Web Content Filtering solution without external solution, devices or	Yes

hardware modules. It should be able to enable or disable Web Filtering per firewall policy or based on firewall authenticated user groups for both HTTP and HTTPS traffic.	
Traffic shaping and prioritization based on IP address	Yes
Firewall must support NAT policy for multicast traffic for both IPv4 and IPv6	Yes
UTM support for Static & Dynamic Network Address Translation and Port Address Translation.	Yes
Support for IPv6 network environments and mixed IPv4 and IPv6 network environments through dual stack support.	Yes
UTM should support for advanced SSH Telnet, HTTP and HTTPS based management.	Yes
Should support Ruckus wireless Zone Director 1000 controller and Cisco catalyst 3750 X series core switch	Yes
UTM should support minimum 300 concurrent users	Yes
Unconditional support and services for 5 years	Yes
Certifications: Should be ICSA Labs or EAL 4 or West coast Checkmark or NSS labs or in Gartner Magic Quadrant	Yes

Specifications of the Buybackingitem

The Tender process should be based on the buy backing of existing UTM Box-Fortigate 300C.

AGREEMENT

Articles of agreement executed on this the

Day ofbetween The Principal of the one part and Shri..... (H.E. name and address of the tenderer) (hereinafter referred to as “the bounden has submitted to the WHEREAS in response to the Notification No. dated the bounden has submitted to the Principal a tender for the supply and installation of UTM Box specification therein subject to the terms and conditions contained in the said tender;

WHEREAS the bounden has also deposited with the Principal a sum of Rs..... (1% of the Quoted amount) as earnest money for execution of an agreement undertaking the due fulfillment of the contract in case his tender is accepted by the Principal. NOW THESE PRESENTS WITNESS and it is hereby mutually agreed as follows:

1.In case the tender submitted by the bounden is accepted by the Principal and the contract for supply of UTM BOX awarded to the bounden, the bounden shall within 7 days of acceptance of his tender execute an agreement with the Principal incorporating all the terms and conditions under which the Principal accepts his tender.

2.In case the bounden fails to execute the agreement as aforesaid incorporating the terms and conditions governing the contract, the Principal shall have power and authority to recover from the bounden any loss or damage caused to the Principal by such breach as may be determined by the Principal by appropriating the earnest money deposited by the bounden and if earnest money is found to be inadequate the deficit amount may be recovered from the bounden and his properties movable and immovable in the manner hereinafter contained.

3. All sums found due to the Principal under or by virtue of this agreement shall be recoverable from the bounden and his properties movable and immovable under the provisions of the Revenue Recovery Act for the time being in fore as though such sums are arrears of land revenue and in such other manner as the Principal may deem fit.

In witness whereof Shri.....

(Here Enter name and designation) for and on behalf of the Principal of LBSITW and Shri..... the bounden have hereunto set their hands the day and year shown against their respective signatures.

Signed by Shri.....(Contractor) date
..... In the presence of witnesses (1)

(2)

Signed by Shri..... date.....

(Here enter name and designation) for and on behalf of the Principal of LBSITW, Poojappura. In the presence of witnesses

(1)

(2)