Computer Centre

Visva-Bharati
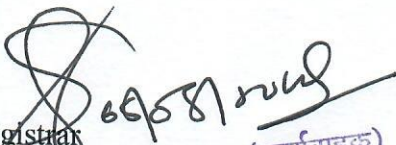**Santiniketan**

No. VBCC/50 /24-25(Firewall-EOI)   **Dt. 05/08/2024**

NOTICE INVITING EXPRESSION OF INTEREST (EOI)

Visva-Bharati is currently considering procurement of Network Security Appliance (Firewall) to be installed at the Computer Centre.Companies/agencies having relevant experiences/Credentials are requested to submit their proposed solution from reputed OEMs, strictly adhering to the formats given in both ANNEXURE-I and ANNEXURE-II of this EoI notice. The scope of work includes supply, installation, commissioning and testing of the Firewall, including integration of the same with the Visva-Bharati campus existing network infrastructure. Interested organizations are requested to send their techno-commercial (budgetary) proposals of the Firewall solution, along with the related literature copy to iccc@visva-bharati.ac.in with a copy to prasunkanti.das@visva-bharati.ac.in , judhajit.mangal@visva-bharati.ac.in, bidyut.sarkar@visva-bharati.ac.in latest by 5:00 PM of 26th August, 2024. Respective OEMs may be invited to give a presentation on their proposed solution and the date for the same will be communicated over email in due course.

Important Note: Participating OEMs/agencies are required to quote the Firewall models in adherence to the provisions of Public Procurement, GoI.

Registrar
Visva-Bharati
Santiniketan
731235

कुलसचिव (कार्यवाहक)
विश्वभारती
Registrar (Acting)
Visva-Bharati

Parameter	Specification	Remarks
Type of Appliance	On-premise, Physical at most 2RU form factor	YES/NO
System Specification	It should have at least 08 core Intel Xeon processors with at least 2.1 GHz as the base frequency, 16 GB RAM, and a 2 X 500 GB SSD. Should have at least 8 x 10 GE SFP+, 8X GE SFP, 18 x GE RJ45, excluding dedicated management Ethernet port It should be equipped with a redundant power supply	Please give a complete specification of the system
Stateful Packet Inspection (SPI)	Should have stateful connection tracking with at least 5,00,000 concurrent connections with the adjustable state timeout value	Please give a complete feature description. Also, specify whether it comes with a base model or an additional license required
Deep Packet Inspection (DPI)	Should support at–least 5,00,000 connections for at least following protocols, but not limited to TCP, UDP, ICMP, HTTP, HTTPS, FTP, SMTP, POP3, IMAP DPI Signature Updates must take at least once a day	Please give a complete feature description. Also, specify whether it comes with a base model or an additional license is required. Please mention if you do not support any of these protocols.
Intrusion Prevention System (IPS)	Should have at least 10 Gbps throughput, with a signature update at least daily	Please give a complete feature description. Also, specify whether it comes with a base model or an additional license is required.

Content Filtering	Should support filtering based on URL and IP of HTTP(S) traffic based on OEM published list and user-defined list.	Please give a complete feature description Also, specify whether it comes with a base model or an additional license is required.
Virtual Private Network (VPN)	Should support at least 50000 concurrent SSL VPN Connections and 500000 Concurrent IPSec VPNs with at least 10 Gbps Throughput: SSL VPN should support integration with external LDAP provider	Please give a complete feature description. Also, specify whether it comes with a base model or an additional license is required.

ANNEXURE-II

Format for Techno-commercial Bid (to be filled in by the bidder)

Parameter	Specification
Make and Model	
Feature declaration	**Whether the "Remarks" column of ANNEX-I contains full specifications of the product against each of the mentioned features** **YES/NO**
Description of Base system	
List of features bundled with the base model	1.
	2.
	3.
	4.
	5.
Price of base model (hardware appliance with bundled features) excluding GST	
Description of additional licenses/modules (may not be limited to specification as given	

ANNEXURE-I)	
Name of the features along with brief description	**Price (excl. GST)**
1.	
2.	
3.	
4.	
Total price (excluding GST)	