JAMIA HAMDARD

(DEEMED TO BE UNIVERSITY)
(ACCREDITED BY NAAC IN GRADE 'A+')
HAMDARD NAGAR, NEW DELHI-110062
Phone: 91-011-26059688 (12 Lines): Ext.-5326
Website: www.jamiahamdard.edu

NOTICE INVITING TENDER

(Tender No. JH/HAH-CIT/Tender-42/January-2025)

Sealed bids are invited by JamiaHamdard for supply, installation and commissioning of **Gateway Level 'Next Generation Firewall' (hereafter referred as NGFW) from Paloalto, Sonicwall, Sophos, Fortinet and Checkpoint or from their authorized distributors/partners in Active-Active/Active-passive mode in two bid system of technical and commercial. The detailed terms and conditions are given below:**

Schedule of the Bid

S.N	Publication of the Tender Document	Receipts of Suggestions, if any, strictly only on the E-mail id given below.	Pre-bid Meeting	Publication of revised Tender Document, if Any	Submission of Bids
1	14.01.2025	Till 5.00 P.M, 21.01.2025,Tuesday	24.01.2025 at 12 Noon	28.01.2025,by 5.00 P.M	03.02.2025 by 3.00 P.M
2.	On the University Website	firewall_tender@jamiahamdard.ac.in	HAH-CIT, JamiaHamdard, Hamdard Nagar New Delhi-62		Tender Box in The 'Purchase Section' Admin Building, JamiaHamdard, Hamdard Nagar New Delhi-62

Terms and Conditions:

1. Since the tender is in two bid system of technical & commercials, both these bids should be kept in two separate sealed envelopes **and these two together should be kept in a third envelop and sealed properly and** superscripting it with **"Quotation for NGFW for JamiaHamdard"** and addressed to: **Registrar, JamiaHamdard, Hamdard Nagar, New Delhi-110062 and dropped in the tender/quotation box available in the Purchase Section.**
2. Prices should be quoted plus GST as applicable as per Govt. rule on FOR JamiaHamdard basis.
3. An EMD of Rs. One Lakh Only and a Tender Fee of Rs.2500/ (Non-refundable) through DD favoring JamiaHamdard should be deposited with Tender.
4. The bidder should attach a copy of Registration/Incorporation.
5. The turnover of the bidder firm should be 2 crore or above annually for the last three financial years of 2023-24, 22-23 and 21-22. A certified copy should be attached as proof.
6. Prices to be quoted in Indian Rupees.
7. JamiaHamdard will deduct an amount of 0.25% from all the bills for "*JamiaHamdard Relief and Welfare Fund*".
8. The bidder shall submit with the technical bid, the MAF certificate obtained from OEM especially for this bid and in the name of JamiaHamdard.
9. The TECHNICAL specifications given on Annexure-B should be strictly followed.
10. Bidders seeking MSME exemption should attach relevant documents to support their claim.

11. Annexure-'C' & 'D' should be used to quote financial bid.
12. Delivery Period: Within 4-6 weeks.
13. In case more time is required it should be given in written with justification.
14. Payment: 100% on delivery and satisfactory supply & commissioning.
15. Warranty: three years comprehensive onsite warranty.
16. The Vendors whose near relatives / blood relations are employed at JamiaHamdard need not apply, and the same will not be considered.
17. JamiaHamdard does not bind itself to accept the lowest quotation and reserves the right for accepting any quotation or to reject any or all quotations and also to reduce or enhance the quantity and period of order according to departmental requirement without assigning any reason.

18. The decision of the University will be final in case of any dispute arising in implementation of the terms of the contract.
19. TAN/PAN and GST certificate should be attached with the quotation documents.
20. The manufacturer/supplier should submit the list of Universities/Govt. organizations/Institutions to whom supplies were made earlier in the last 05 years.
21. Correction in the Quotations if any should be initialed otherwise the Quotations will be rejected at the time of the opening; the rates should be quoted in figures and in words as well.
22. No extra payment like carriage freight, loading and unloading, storekeeping, packing, forwarding etc. will be paid.
23. Income tax at source will be deducted from the running bill of supplier from the passed amount as per instruction of Income Tax Department.
24. The Institute takes no responsibility for delay or non-receipt of quotation documents sent by post either way and also reserves the right to accept or reject any or all the quotations in part or full without assigning any reason thereof.
25. In case the date of opening of quotation is declared as Public Holiday, the quotation shall be opened on the next working day at the same time.
26. Late and delayed quotations shall not be considered and may be returned unopened to the bidder.
27. Quotations not in proper sealed cover or received telegraphically or by fax will not be entertained.
28. Conditional quotations will be rejected without assigning any reason.
29. The price to be given in the quotation are fixed prices, irrespective of rise in materials prices and increase in taxes etc., till the delivery of the overall consignment. No request in regard to increase in the price will be entertained after the submission of the quotation.
30. A bidder can quote product from more than one OEM provided they are submitted as a separate tender with separate tender fee, EMD and sealed separately.
31. *It shall be the responsibility of the successful bidder to satisfy JamiaHamdard that firewall delivered are as per the tender specifications or better*
32. The vendor has to certify that these terms and conditions are acceptable to him.
33. All legal disputes, arising if any, would be settled under jurisdiction of Delhi court.
34. All pages of the tender document should be numbered and should be signed under the seal of authorized person from the bidder company.

Registrar

The above terms & conditions are accepted.

Signature ....

Name...

Designation...

Company Name Address & Seal ....

JAMIA HAMDARD
(Deemed to be University)

(Accredited by NAAC in Grade 'A+')

Hamdard Nagar, New Delhi-110 062

Phone: 26059688, Ext.: 5326, 5312 Website: www.jamiahamdard.edu

TENDER APPLICATION FORM

Cost of Tender Documents	:	Rs.2500.00 (Non-refundable)
Tender form for	:	Next Generation Firewall "NGFW"
Date of Submission of Tender	:	**03.02.2025up to 3.00 p.m.**
Date of opening of Tender Box	:	**03.01.2025at 3.30 p.m.**
Tender Document Fee	:	DD/Receipt.

No._____Dated_____forRs._____
(Rs. _____ _____)

VENDOR DETAILS

1. Name of Firm / Company   :   ....
2. Authorized person   :   ....
3. Address   :   ....
    ....
    Telephone(s): ....
    Fax: .... Mobile………………….Email   :
4. Income Tax No. / PAN No.(Mandatory)
5. GST No. / TIN No. (Mandatory) :   ....
6. HSN/SAC code (Mandatory)
7. Type of Company (COM, HUF, NRI) (Mandatory)
6. Experience Certificate   :   ....
    (Attached photo copy)

I/We agree to abide by the terms and conditions of the tender as laid down under

tender **(JH/HAH-CIT/Tender-42/January-2025)**

Signature ....

Name...

Designation………………………………

Company

Seal…………….………………

S No	Technical specification	Requirement	Compliance (YES/NO)
	OEM to be considered for NGFW: Fortinet /Palo alto/Sophos/Checkpoint/SonicWALL		
	Hardware Specification		
1	Multi core architecture and dedicated network process unit/ASIC for better performance	Required	
2	Management Purpose I/O Ports	1xRJ45 1xCOM RJ45	
3	Ports (Minimum)	8 x 10 GE SFP+ 16 x GE RJ45	
4	Local Storage/SSD	Minimum 450GB SSD	
5	**Performance Requirement**		
A	Firewall Throughput	70 Gbps or higher	
B	NGFW Throughput	34 Gbps or higher	
C	IPS Throughput	35 Gbps or higher	
D	Concurrent Connections	32 Million or higher	
E	New Sessions Per Sec	450,000 or higher	
F	IPsec VPN Throughput	20 Gbps or higher	
G	No. of IPsec VPN Tunnels	8000 or higher	
H	Threat Protection Throughput	30 Gbps or higher	
I	SSL Inspection Throughput	12 Gbps or higher	
6	**REQUIRED FEATURES OF NGFW**		
A	Capable to do stateful inspection of packet passing through firewall.	Required	
B	Capable to configure firewall policy based upon network, protocol, users, group.	Required	
C	No fixed zone to interface mapping. Any interface can be configured in any zone	Required	
D	Should be able to block traffic for country based upon Geo-IP.	Required	
E	Must have Intrusion Prevention System capability and capability to create custom IPS signature and policy	Required	

F	Capable to identify and block command and control communication. Support static and dynamic file analysis as part of sandboxing.	Required	
G	Able to block malicious domain or web category and enforce restriction on unwanted domain or URL	Required	
H	Able to create custom web category and enforce web filter policy with custom category.	Required	
I	Web keyword monitoring and enforcement to log, report or block web content matching keyword lists with the option to upload customs lists	Required	
J	Appliance should have feature support for both HA functionalities i.e. Active -Active and Active - Passive.	Required	
K	Firewall should have the feasibility to choose/dedicate a port as HA link. Also, High Availability should support creation of multiple HA Link pairs to add resiliency in case one HA link Fails, so that HA can facilitated robustly.	Required	
L	Port agnostic DPI scanning	Required	
M	Capable to inspect TLS1.1, TLS1.2 and TLS 1.3 inspection	Required	
N	Should be able to enforce policy on certificate state (like invalid date, untrusted issuer, name mismatch etc. ..), protocol and cipher for deep packet inspection	Required	
O	Should be able to apply Application Filtering and Control	Required	
P	Advanced Threat Protection (detect and block network traffic attempting to contact command and control servers)	Required	
Q	Able to authenticate users with local database and also capability to integrate active directory, LDAP server, RADIUS Server, TACACS+ Server and e-Directory	Required	
R	Must have SD-WAN capability and have feature to create SLA profile with Jitter, Latency, and Packet Loss. And same should be demonstrated by OEM/Vender in post bid POC if requested.	Required	
S	SDWAN feature must have source, destination, service, application and user's base policy creation capability. Also, should be able to load balance or load share traffic across multiple gateways on the basis of SLA parameters and same should be demonstrated by OEM/Vender in post bid POC if requested.	Required	
T	Route Based/Interface based IPsec Tunnel creation facility should be present in addition to policy-based tunnels creation. Dynamic Routing Protocol such as OSPFv3 should be supported.	Required	
U	Site to site IPsec VPN with IKEv1 and IKEv2 key exchange capability	Required	

V	Capability to apply Traffic Shaping on firewall rule, users, web category and application.	Required	
W	One appliance reporting and can integrate with external syslog server	Required	
X	Enforced password complexity feature for user and admin passwords	Required	
Y	Built in 2FA capability with no additional cost for local users, VPN users and admin users' authentication.	Required	
Z	Provide compliance report like HIPPA, SOX ,PCI,FISMA.CIPA	Required	
7	**Solution should also provide Web Application Firewall Protection capability and include below features:**		
A	SQL injection prevention, cross-site scripting (XSS) protection, form hardening	Required	
B	URL hardening with deep-linking prevention, reverse proxy functionality, directory traversal protection	Required	
C	Reverse authentication for form-based and basic authentication, cookie signing with digital signatures, HTTPS offloading	Required	
D	Options to skip individual checks, match requests from specific networks or URLs, support for logical and/or operators	Required	
E	Integrated load balancing, virtual and physical server abstraction for efficient resource management	Required	
F	Scan size limits, IP allow/block ranges, wildcard paths, automatic prefix/suffix appending for authentication	Required	
8	**Solution should also provide Email security capability and include below features:**		
A	Email scanning compatible with SMTP, POP3, and IMAP protocols	Required	
B	Reputation-based service leveraging patented Recurrent-Pattern-Detection technology for spam outbreak monitoring	Required	
C	Prevent spam and malware at the SMTP transaction stage	Required	
D	Anti-spam measures including DKIM and BATV protection	Required	
E	Grey listing for spam management and SPF enforcement	Required	
F	Multi antivirus engine support for best optimum protection.	Required	
G	Verification of recipients to reduce errors from mistyped email addresses	Required	
H	User based reporting and provide threat score to users based upon their activity.	Required	
I	Log retention customization by category	Required	
J	Capability to increase port density in future if needed is desirable.	Required	
K	Two hot-swappable internal auto-ranging power supply from day 1.	Required	

L	Export reports as HTML, PDF, Excel (XLS)	Required	
M	Firewall should support non-repudiation to strengthen logging data security/privacy	Required	
N	**Subscription license for Firewall, Gateway Anti-Virus, Anti-malware, DPI SSL, Web Filtering Service, App Control Service, Botnet/C&C protection/ATP, zero day protection, sandboxing, Intrusion Prevention System (IPS),DNS security, 24x7 support, Web application firewall, email security, security and software updates, adv. exchange warranty for the period.**	Required	
9	**Firewall Management**		
A	Inbuilt diagnostic and policy testing tool in GUI for troubleshooting.	Required	
B	TCP dump utility in command line for advance troubleshooting	Required	
C	Firewall should be able to keep minimum two firmware version and admin should be able to roll back to previous version from GUI without uploading firmware.	Required	
10	**Central Management:**		
A	Central management allows objects, settings, and policies to be modified and automatically synchronized to firewalls.	Required	
B	Central management should provide feasibility to use SD-WAN to provision VPN tunnels between multiple devices, if required in future.	Required	
C	Central Management, if cloud based then should have hosting within Indian jurisdiction.	Required	
D	Central management can schedule configuration backup and keep minimum two most recent backup.	Required	
E	Central Management can give audit trail and full historical task of changes on a group or a policies.	Required	
F	The Management solution should be from same OEM	Required	
11	**ATC (Additional terms and conditions) Features**		
A	**Firewall should support non-repudiation to strengthen logging data security/privacy**	Required	
B	**Should have built in zero trust network access functionality in addition to VPN. Should support DNS security, OEM should offer its own DNS server IP's that can add as an initial layer of DNS security.**	Required	
C	**Built in Capability for Multi Factor Authentication for any number of Users without any additional cost**	Required	
D	Must have SD-WAN capability and have feature to create SLA profile with Jitter, Latency, and Packet Loss. And same should be demonstrated by OEM/Vender in post bid POC if requested.	Required	

E	SDWAN feature must have source, destination, service, application and users base policy creation capability. Also should be able to load balance or load share traffic across multiple gateways on the basis of SLA parameters. And same should be demonstrated by OEM/Vender in post bid POC if requested.	Required	
F	**OEM Should be SOC2 Type 2 certified and this info should be available on OEM public website**	Required	
G	**Central management allows objects, settings, and policies to be modified and automatically synchronized to firewalls.**	Required	
H	**Central management should provide feasibility to use SD-WAN to provision VPN tunnels between multiple devices, if required in future.**	Required	
I	**Central Management, if cloud based then should have hosting within Indian jurisdiction.**	Required	
J	**Central management can schedule configuration backup and keep minimum two most recent backup.**	Required	
K	**Central Management can give audit trail and full historical task of changes on a group or a policies.**	Required	
L	**The Management solution should be from same OEM**	Required	
M	The OEM should not have been blacklisted by any State & Central government and PSU within the last 5 years.	Required	
12	**Equipment/OEM should have following certifications:**		
A	ISO 9001,27001	Required	
B	**Firewall product/products family of OEM should have MTCTE certification from TEC**	Required	
C	Manufacturer Authorization (MAF)	Required	
D	OEM Support (TAC) Presence in India	Required	
E	Escalation Matrix for Support	Required	
F	**Software OS family should be Common criteria EAL4+ Certificate in recent/last year.**	Required	

Know the Product					
OEM	**Model**	**Launch Month & Year**	**Default Warranty**	**Additional Warranty offered**	**Time required for delivery**

Financial Bid

Price for Stand Alone Mode FOR 3 YEARS

Sr. No	OEM	Model	Unit Price	Qty	Amount	Tax	Total Amount (Price +Tax)
				01			

Price for Active-Passive Mode FOR 3 YEARS

Sr. No	OEM	Model	Unit Price	Qty	Amount	Tax	Total Amount (Price +Tax)
				02			

Price Bid for Active-Active Mode FOR 3 YEARS

Sr. No	OEM	Model	Unit Price	Qty	Amount	Tax	Total Amount (Price +Tax)
				02			

(To be filled by Authorized Person of the Bidder Organization)

Signature with Date

Name with Mobile No & Email ID

Designation

Name of the Organization with Address.

Financial Bid

Price for Stand Alone Mode FOR 5 YEARS (Single Box)

Sr. No	OEM	Model	Unit price	Qty	Amount	Tax	Total Amount (Price +Tax)
				01			

Price for Active-Passive Mode FOR 5 YEARS (two boxes)

Sr. No	OEM	Model	Unit Price	Qty	Amount	Tax	Total Amount (Price +Tax)
				02			

Price for Active-Active Mode FOR 5 YEARS (Two Boxes)

Sr. No	OEM	Model	Unit Price	Qty	Amount	Tax	Total Amount (Price +Tax)
				02			

(To be filled by Authorized Person of the Bidder Organization)

Signature with Date

Name with Mobile No & Email ID

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