Indian Institute of Information Technology Vadodara
Block No. 9, c/o Government Engineering College Campus,
Sector 28, Gandhinagar – 382 028, Gujarat.
Phone No.: 079 - 23977 508 | Webpage: www.iiitvadodara.ac.in

No.: IIITV/PUR/TENDER/UTM FIREWALL/21-22/04 15 **July 2021**

NOTICE INVITING TENDER

Dear Bidder,

The Institute invites sealed tender for 'Supply, Installation and Maintenance of UTM Firewall with load balancing feature with Three Years Service' on following terms and conditions:

Earnest Money Deposit (EMD)	**Rs. 26,000.00 (Rupees Twenty Six Thousand Only)** must be enclosed with Technical bid in the form of demand draft in favour of **'Indian Institute of Information Technology Vadodara' payable at Gandhinagar, Gujarat.**
Security Deposit	The successful bidder is required to submit the security deposit at 10% of the quoted rate **in the form of demand draft in favour of 'Indian Institute of Information Technology Vadodara' payable at Gandhinagar, Gujarat.**
Pre-Bid Meeting	22 July 2021 at 1500 hrs. at the Institute's Gandhinagar Campus.
Last Date & Time for seeking Clarification	30 July 2021; 1700 hrs. by an email to the Registrar on **<registrar@iiitvadodara.ac.in>** OR an ink signed copy at the Institute.
Closing Date & Time of Bid Submission	10 August 2021; 1500 hrs.
Technical Bid Opening Date & Time	10 August 2021; 1530 hrs.
Financial Bid Opening Date &Time	Bidder would be informed by email/phone
Bid Validity	120 days from the date of bid opening
Correspondence address	The Registrar, Indian Institute of Information Technology Vadodara Block No. 9, c/o Government Engineering College Campus, Sector 28, Gandhinagar - 382 028, Gujarat.

Table 1

भारतीय सूचना प्रौद्योगिकी संस्थान वडोदरा
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A. Instructions to Bidder:

1. The tender documents shall be available on the Institute's website <www.iiitvadodara.ac.in>.

2. The bidder should download the tender documents from the Institute's website and ensure to submit duly endorsed tender document along with the amount of earnest money deposit (EMD). All Corrigendum(s)/ Amendment(s)/Correction(s) if any to this tender enquiry shall be published only on the Institute's website.

3. The parties may seek detailed clarifications on Technical & Financial issues (if any) on the conditions of bidding document as mentioned in Table 1.

4. The Institute expects the bidder to comply with the tender specifications/conditions, which shall be frozen after due date. The bids not complying with the terms and conditions of the bidding document and offers indicating any exception/deviation shall be liable to be rejected.

5. Tender must be dropped in the Tender Box kept at the Office of Registrar of the Institute, Gandhinagar, Gujarat as per the timings mentioned in Table 1.

6. The Institute reserves its right to accept/reject any/all the bids and cancel the tender at its sole discretion without assigning any reason thereof.

7. The bidder intending to send their offers by post may send the same under registered cover/courier or by hand delivery so as to reach the designated place well before closing time & date. However, the Institute accepts no responsibility for offers received after the due time & date. Also, all envelope should be marked in bold **'Supply, Installation and Maintenance of UTM Firewall with load balancing feature with Three Years Service'**

8. Fax & Email quotation are not acceptable and will be rejected.

9. The bidder is expected to examine all instructions, forms, terms & specifications in the bidding documents. Failure to furnish all information required by the bidding documents will be at the bidder's risk. Tender not complying with tender conditions and not conforming to tender specifications will result in rejection of its bid without seeking any clarifications.

10. The tender document are to be in two parts as Technical Offer and Financial Offer.

11. The bidder or their authorised representative may also be present during the bid opening, if they desire so, at their own expenses.

12. The bidder shall not be permitted to withdraw his offer or modify the terms and conditions thereof. In case the bidder fails to observe and comply with the stipulations made herein or backs out after quoting the rates, the earnest money deposit amount will be forfeited.

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B. General Terms & Conditions:

1. Notwithstanding the above, the Institute reserves the right to accept or reject any bids and to cancel the bidding process and reject all the bids at any time prior to the award of contract.

2. The bidder whose bid is accepted will be notified for the award of the contract by the Institute prior to the expiration of the bid validity period. The terms of the accepted offer shall be incorporated in the contract.

3. Within 10 days of the receipt of the notification of the award of the contract from the Institute, the successful bidder shall furnish security deposit as mentioned in the Table – 1. Failure of which to comply with the requirement shall constitute sufficient grounds for the annulment of the award and forfeiture of earnest money deposit.

4. In the event of any dispute or difference between the Institute and the bidder arising out of non-supply of service or supplies not found according to the Institute's terms & conditions or any other cause whatsoever relating to the supply or rate contract before or after the supply has been executed, shall be referred to The Director of the Institute whose decision shall be final and binding on both the parties.

5. The place of arbitration will be Gandhinagar and the language to be used is English only.

6. All disputes shall be subject to Gandhinagar Jurisdiction only.

7. No separate information shall be given to individual bidders. In incomparable situation, the committee may commercially negotiate with the qualified bidder before awarding the offer.

8. The EMD of the successful bidder will be returned to them without any interest after completion of installation and upon receipt of security deposit. The earnest money deposit of unsuccessful bidders will be returned to them without any interest within thirty days after awarding the contract.

9. The bid will not be considered without earnest money deposit amount.

10. A conditional bid or incomplete bid shall be rejected outrightly.

11. Canvassing in any form by any bidder will lead to outright rejection of the concerned tender.

12. Any additional information required by the Institute over any Technical bid should be provided by the bidder within three days of the receipt of its email/ letter, failing which the offer will not be entertained.

13. The bidder shall not assign or transfer the contract or part thereof to anyone.

14. Any loss/damage to goods or property of the Institute due to negligence on the part of the deployed personnel of the bidder shall be made good by the agency within 10 days of the date of its communication to him. In case of non-compliance of the same, the loss in part or in full shall be recovered from the security deposit or may invite termination of the contract agreement.

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15. Part delivery for any items shall not be allowed and any optional item quoted by the bidder will not be entertained.

16. The bidder shall quote the price inclusive of all levies & taxes i.e. GST, Packing, Forwarding, Freight and Insurance etc.

17. The bidder is permitted to submit ONLY ONE BID irrespective of whether he is the OEM or the Authorised Reseller (in case of Authorised Reseller, the authorisation certificate from OEM is to be attached in the Technical bid). In case it is found that any bidder has submitted more than one bid for the subject work in any of the above capacities, all bids so submitted shall be summarily rejected and the Institute shall not entertain any further request/correspondence in this matter.

18. The bidder shall have to fulfil all the Pre-qualification Criteria. The document will be scrutinised along with the Technical specifications as mentioned in the Tender enquiry document. Those bidders who do not fulfil the terms and conditions of Pre-qualification Criteria as specified in this Tender or whose Technical specifications are non - responsive will not be considered. The financial bids of technically qualified bidders would only be opened by the evaluation committee.

19. Technical specification of the bidder would be evaluated for the clause-by-clause compliance as mentioned in the tender enquiry document. The Institute reserves the right to ask for a technical presentation from the bidder on the already submitted Technical specification at any point of time before opening of the financial bid.

20. If the successful bidder fails to provide the services within the stipulated period, the Institute reserves the right to hire another agency from alternative sources at the bidder's risk, responsibility and cost. Any extra cost incurred in hiring of agency from alternative source will be recovered from the EMD/ Security Deposit/balance payment due and if the value of the hiring under risk purchase exceeds, the amount of EMD/Security Deposit and/balance payment due, the same may be recovered if necessary by due legal process.

21. The successful bidder is required to provide 24x7 OEM support for the equipment and software components supplied as part of this tender.

22. The successful bidder is required to provide on-site comprehensive warranty valid for the period of three years for all supplied products/equipment/softwares. The Institute shall notify the bidder about any defects arising under this warranty. Upon receipt of such notice, the bidder shall repair/ replace/reconfigure/re-provision of the defective equipment/service. Replacement under warranty clause shall be made by the successful bidder free of all charges at site including freight, insurance and other incidental charges.

23. If the bidder, having been notified, fails to remedy the defects within the reasonable period, the Institute may proceed to take such remedial action as may be necessary at the bidder's risk and expense and without prejudice to any other rights.

24. The successful bidder shall sign the agreement within 15 days from the date of Letter of Award (LOA) from the Institute and shall be in force for a period of 3 years from the date of signing and may be extended on mutually agreed terms. The contract will be signed in accordance with all the terms and conditions mentioned in this tender document and addendums/corrigendum if any.

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C. Pre-qualification Criteria:

1. The bidder should be Original Equipment Manufacturer(OEM) or an Authorised Reseller of OEM and must be local supplier as defined in the notification of Public Procurement (Preference to Make in India) Order 2019 for Cyber Security Products vide file no. 1(10)/2017-CLES dated 06.12.2019 issued by Ministry of Electronics and Information Technology, Govt. of India. (https://www.meity.gov.in/writereaddata/files/public_procurement-preference_to_make_in_india-order_2019_for_cyber_security_products.pdf).

2. The bidder is required to furnish certificate for OEM/Authorised Reseller and Self-Certification as per the format given in Annexure – II to qualify as local supplier. (certificates in this regard to be attached with Technical bid)

3. The bidder should have financial turnover of at least 30 Lakh in each two years out of last five years. (CA certified certificate is to be attached with Technical bid)

4. The bidder should not have been blacklisted/debarred by any Government Departments/ Agencies/PSU/Educational Institute of Repute etc. as on the date of submission of the tender for 'Supply, Installation and Maintenance of UTM Firewall with load balancing feature with Three Years Service' (Self - Certification duly signed and sealed is to be attached with Technical bid)

5. The bidder should have supplied and maintained UTM Firewall for at least three customers in Government Departments/Agencies/PSU/Educational Institute of Repute etc. during the last five years. (copies of relevant orders to be attached with the Technical bid)

6. All equipment supplied as part of this contract should not be declared End of Sale for period of three years from last date of submission of bid. In case of End of Sale, the bidder will be liable for hardware and software up-gradation of the security device without any extra cost. (certificate from OEM on Non - End of Support for a minimum of three years need to be attached covering each category of equipment).

D. Scope of Work:

1. The scope of the work includes supply, successful installation/integration and migration of the UTM Firewall, upgradation and maintenance of the entire solution for a period of three years in terms of on-site comprehensive warranty.

2. The participating bidder is requested to visit the site during pre-bid meeting for a clear understanding of the existing setup as selected bidder must be able to migrate the new UTM Firewall security devices.

3. Time taken from the date of purchase order to the date of commissioning and smooth migration from existing setup to new setup is the essence of the project. Entire project has to be completed within 30 days from the date of issuance of Letter of Award without disturbing the regular operation of the Institute network.

4. The warranty period will start after the acceptance of the installation and certification by the Institute.

5. The bidder will be liable for any hardware and software up-gradation for maintenance without any extra cost during warranty period.

6. The bidder has to resolve any hardware/software problem during installation and integration of the security device with the existing Institute network.

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E. **Force Majeure:**

1. Neither party shall be responsible to the other for any delay or failure in performance of its obligations due to any occurrence commonly known as Force Majeure which is beyond the control of any of the parties, including, but without limited to, fire, flood, explosion, any governmental body, public disorder, riots, embargoes, or strikes, acts of military authority, epidemics, strikes, lockouts or other labour disputes, insurrections, civil commotion, war, enemy actions.

2. If a Force Majeure arises, the bidder shall promptly notify the Institute in writing of such condition and the cause thereof. Unless otherwise directed by the Institute, the bidder shall continue to perform his obligations under the contract as far as is reasonably practical, and shall seek all reasonable alternative means for performance not prevented by the Force Majeure event. The bidder shall be excused from performance of his obligations in whole or part as long as such causes, circumstances or events shall continue to prevent or delay such performance.

F. **Termination:**

The Institute shall be entitled to terminate the agreement/purchase order with the bidder at any time giving two months prior written notice to the bidder, if the bidder breaches its obligations under the tender document or the subsequent agreement/purchase order and if the breach is not cured within 10 days from the date of notice, the Institute may terminate the contract in whole or in part at any time by written notice and without any reasons thereof. The bidder shall be required to give two months advance notice in writing for termination of the contract, failing which due action shall be taken.

G. **Payment Terms**:

1. The Institute will release the payment on receipt of clear invoice from the bidder.

2. The Institute will deduct applicable TDS from the payment to be made to the bidder.

3. The Institute will not make any advance payment to the bidder in any case.

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Annexure – I

Technical Specification for UTM Firewall:			
Sl. No.	**Specifications**	**Compliance Yes / No**	**Remarks**
A. General			
1	Integrated Security Appliance which is capable of supporting UTM Firewall, VPN, IPS, Web filtering, Botnet Filtering and Geo-IP protection etc.		
2	The Device should support Ipv6.		
3	Appliance should support IPSec NAT traversal.		
4	Should support OSPF, RIP V1 and V2 routing protocol.		
5	Should support NAT without degrading the performance of the UTM Firewall.		
6	Should support user authentication, LDAP, Radius, local user database.		
7	Should be a quad core or higher processor based solution for faster processing.		
8	Product Support should be (24x7) with Advanced placement.		
9	Should have capability to look deep inside every packet (the header and data) searching for protocol non-compliance, threats, zerodays, intrusions, and even defined criteria.		
10	Should detect and prevent hidden attacks that leverage cryptography, blocks encrypted malware downloads, ceases the spread of infections, and thwarts command and control (C&C) communications and data exfiltration.		
11	Should allow total control to customize which traffic is subjected to decryption and inspection based on specific organizational compliance and/or legal requirements.		
12	Bidder or OEM with 5 years in UTM Firewall business (Preferable)		
13	Bidder & OEM should support the appliance with all necessary upgrade for at least 3 years from the date of purchase installation along with 3 years' security software subscription.		
14	Should scan for threats in both inbound and outbound traffic simultaneously to ensure that the network is not used to distribute malware and does not become a launch platform for attacks in case an infected machine is brought inside.		

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15	Should provide real-time monitoring and visualization provides a graphical representation of applications, users and bandwidth usage for granular insight into traffic across the network.		
16	Mobile device authentication is preferred		
17	Should have TLS/SSL decryption and inspection that decrypts and inspects TLS/SSL encrypted traffic on the fly, without proxying, for malware, intrusions and data leakage, and applies application, URL and content control policies in order to protect against threats hidden in encrypted traffic.		
18	Should have IPv6 and should support filtering and wire mode implementations.		
19	Should have extensive protocol support to identify common protocols such as HTTP/S, FTP, SMTP, SMBv1/v2 and others, which do not send data in raw TCP, and decode payloads for malware inspection, even if they do not run on standard, well-known ports.		
20	Proposed Appliance should support SD WAN features without adding any additional components or hardware.		
21	Should be Ipv6 ready from day 1 (have IPv6 ready Logo/certified). Bidder to submit confirmation from its OEM evidencing the same, along with the bid.		
B. Hardware and Interface Requirements			
22	The product should have Minimum 8 x 1 GBE (or more) Interfaces. Out of the total ports, atleast 2 ports must support 10 GBE .		
23	Appliances should have management Ethernet interface, 1 console port, 1 USB Port, and 1 expansion slot (not mandatory).		
24	Appliance should be 4U and rack mountable.		
25	Appliance should have sufficient cooling fans/cooling mechanism for heat dissipation.		
C. UTM Firewall Performance Requirement			
26	UTM Firewall throughput at least 38 Gbps.		
27	IPSec VPN throughput at least 3.5 Gbps or higher.		
28	The UTM Firewall should support at least 75 lakhs concurrent sessions and at least 135000 new sessions per second.		
29	Antivirus/Threat protection throughput 2 Gbps or higher.		
30	The UTM Firewall should have atleast 10 Gbps of IPS throughput or higher.		

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D. VPN			
31	Should support at least 3000 IPSec Site-to-Site VPN tunnels and 500 or more num of IPSec Client Remote access VPN.		
32	Should support at least 450 SSL VPN users.		
33	Solution should support IPSEC & SSL VPN.		
34	Solution Should support Layer 2 Tunnelling protocol (L2TP) over IPSEC		
E. Licensing and Certification			
35	The devices should support unlimited users.		
F. Bandwidth Management & Application control			
36	Bandwidth Control/ Restriction per IP Address group & per Policy should be available.		
37	Traffic management: Option to configure traffic shaping on a per policy basis for specific application/ Specific networks and should be able to define guaranteed bandwidth and maximum bandwidth per policy.		
G. IPS			
38	Appliance should protect against DOS & DDOS attacks.		
39	Should provide details of attacks with the source of attack.		
40	Should have the option to schedule reports for automatic generation & email it to admin.		
41	UTM Firewall must support inbound and outbound IPS scanning.		
H. Anti-Virus			
42	Antivirus should provide real-time detection of viruses and malicious code at the gateway for SMTP, HTTP, FTP etc internet traffic.		
43	The device should be featured with Gateway Antivirus and DPI SSI Scanning.		
44	Automatic Frequent updates of virus pattern should be provided.		
45	Should have facility to block files based file extensions.		
46	Should be an unlimited user based appliance.		
47	Should have capacity to scan file size without buffering and without hampering the performance.		
48	UTM Firewall must support inbound and outbound Antimalware/Antispyware scanning.		

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I. Web Content Filtering			
49	Should have facility to block the URL's based on categories.		
50	URL categories should have granular control like Allow/Block, Bandwidth Management.		
51	The proposed solution should be licensed per unit as against per user.		
52	Should be able to block different categories / sites based on users/groups.		
53	Should have facility to configurable policy options to block web sites based on banned words.		
54	The solution should be able to block spywares/adwares etc.		
55	The proposed UTM Firewall shall be able to identify, decrypt and evaluate SSL traffic and proposed solution support Native TLSv1.3 for inspection.		
J. Logging and reporting			
56	Solution to provide multi-threat reporting by collecting information on thwarted attacks, providing instant access to threat activities detected by UTM Firewall using the ATP, Gateway Anti-Virus, Anti-Spyware, Intrusion Prevention and Application Intelligence and Control Service.		
57	On-Premise Logging and reporting should be supported.		
58	The solution should generate the reports for the UTM Firewall, gateway level AV, IPS, ATP, BOTNET, Geo-IP, web filtering requested.		
59	The solution shall have intelligence-driven analytic engine that automates the data aggregation, normalization, correlation and contextualization of security data flowing through UTM Firewall.		
60	Solution shall have actionable analytics, presented in a structured, meaningful and easily consumable way, empower security team, analyst and stakeholders to discover, interpret, prioritize, make decisions and take appropriate defensive actions.		
61	The solution should help to analyze/understand the live application usage in the network.		
62	Solution to provide Real-time dynamic visualization to perform deep drill-down investigative and forensic analysis of security data with greater precision, clarity and speed.		
63	Solution to provide powerful insight into application traffic, bandwidth utilization and security threats, while providing powerful troubleshooting and forensics capabilities.		
64	The solution should be running its own syslog server or integrated server to collect the logs. If separate server is required for the logging & reporting, same to be mentioned as "pre-requisites from customer".		

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Annexure - II

Format for Self-Declaration regarding 'local supplier' for Cyber Security Products:

(refer the notification vide file no. 1(10)/2017-CLES dated 06.12.2019 for Public Procurement (Preference to Make in India) Order 2019 for Cyber Security Products issued by Ministry of Electronics and Information Technology, Govt. of India.

This is to Certify that the organization________________________registered as ______________registration number____do hereby solemnly affirm and declare as under:

That we agree to abide by the terms and conditions of the notification issued by Ministry of Electronics and Information Technology (MeitY), Government of India no. _____________ _____dated____________.

That the information furnished hereinafter is correct and we undertake to produce relevant records before the procuring entity or any other authority so nominated by the Ministry of Electronics and Information Technology (MeitY), Government of India for the purpose of establishing ownership of the Intellectual Property Rights (IPR), legal existence and revenue accrual, local content for the cyber security products nominated by the aforesaid organization.

That all IPR which constitute the said cyber security product has been verified by us and we are responsible for the correctness of the claims made therein and we take complete responsibility of the same.

We agree to maintain all information regarding our claim(s) for IPR ownership, legal existence and revenue accrual, local content in the organization's record throughout the existence of the product and shall make this available for verification to any authorities specified by Government of India.

In case of any change in the IPR ownership, legal existence and revenue accrual, local content, we will be accountable to inform Ministry of Electronics and Information Technology, Government of India within one week or before applying for any public procurement or before referring this order for taking any advantage which soever occurs first.

That in the event of the cyber security product mentioned herein is found to be incorrect and not meeting the prescribed norms, based on the assessment of an authority so nominated by the MeitY, Government of India and we will be liable as under clause 7 (f) of Public Procurement (Preference to Make in India) Order 2019 for cyber security product.

1. Name and details of the organization nominating product under this order (Registered Office, Manufacturing unit location, nature of legal entity).

2. Entity Registration Certificate number:

   (a) Type of reglstration:
   (b) Date on which this certificate is issued:
   (c) Percentage of Royalty/License fee to be paid to other entity with respect to estimated cost of the product.
   (d) Name and contact details of the unit of the manufacturer:

For and on behalf of____________________(Name of firm/entity)

Authorize signatory (To be duly authorized by the Board of Directors)

Name, Designation and Contact No. and dated

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Annexure - III

Financial Bid

Sr. No.	Item Description	Make & Model	Qty. In No.	Unit Price in Rs.	GST in Rs.	Total Price in Rs.
1	Supply, Installation and Maintenance of UTM Firewall with load balancing feature with Three Years Service.		1			
					Total Amt. In Rs.:	
(Amt. In Words: ______________________________)						

Note:

1. The Institute will award the contract to lowest bidder (L1).

Seal & Signature of the bidder

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Annexure – IV

NEFT / RTGS Mandate Form

Name of the Firm / Organization	
Permanent Account No (PAN)	
Particulars of Bank Account	
a) Name of the Bank	
b) Name of the Branch	
c) Branch Code	
d) NEFT / RTGS (IFSC Code)	
e) Type of Account	
f) Account No.	

Please attach cancelled cheque along with NEFT / RTGS mandate form

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