

No. P&D-I/3/7019/2017/Admn

Dated: 07.02.2018

MAHATMA GANDHI UNIVERSITY KOTTAYAM

NOTICE INVITING TENDER

Mahatma Gandhi University, Kottayam , Kerala invites e-tender(s) in 2-bid format for Supply, Installation & Commissioning of **UTM Appliance**, at the University, as per the specifications given in the schedule attached with the tender as **Annexure – I** and terms and conditions mentioned herein after.

Date and time of the opening of the bid(s) will be as per the schedule attached.

In the event of the due date of receipt and/or opening of the tender being declared as a holiday for the University, then due date of receipt / opening of the tender will be the next working day at the same time. The tenderers are requested to read the tender document carefully and ensure compliance with all the instructions therein. Non-compliance of the instructions contained in this document may disqualify the tenderer from the tendering exercise.

Tender documents and tender schedule can be downloaded in A4 size plain paper free of cost from the web site www.etenders.kerala.gov.in. Hard copy of filled up and signed tender documents along with other relevant documents shall also be sent to the Registrar, Mahatma Gandhi University, Kottayam, Pin 686 560, by speed post/in person on or before the date and time specified. The cover containing the documents should be superscribed with the name of project, tender number, and last date and time of submission of tender.

University reserves the right to revise or alter the specifications before acceptance of any tender and to accept or reject any or all tenders, without assigning any reason whatsoever

I. Introduction

Mahatma Gandhi University, Kottayam, Kerala intends to purchase and install **UTM Appliance** at its main campus at Athirampuzha, Kottayam. The total PAC of the project is pegged at Rs. 45 Lakhs.

Brief Description of the Project & SPECIFICATIONS

1.	Name of work	Supply and Installation of 2 Nos. of Unified Threat Management Appliance (UTM)
2.	ESTIMATED AMOUNT	45 LAKHS
3.	Earnest Money Deposit (EMD)	`45,000/- (Rupees Forty Five Thousand Only)
4.	Tender submission fee	`6,750/- (Rupees Six Thousand Seven Hundred and Fifty Only + GST)
5.	Date of completion of supply & installation of the systems	4 Weeks from the date of supply order
6.	Mode of submission of bid	Online
7.	Tender Documents	Can be downloaded from the website www.etenders.kerala.gov.in
8.	Pre-Bid Meeting	Administrative BloCk, M.G. University main campus on 27 .02.2018, 11AM
9.	Last date and time of submission of tender by online	05.03.2018, 12 PM
10.	Last date and time of submission of relevant documents by speed post/in person.	06.03.2018, 4 PM
11.	Date and time of opening of tender	07.03.2018, 2.00 PM

<u>Documents to be submitted along with the bid through online and speed post/hand delivery.</u>

Sl.No.	Through online	Through speed post/in person
1	Scanned copy of valid registration certificate	Copy of valid registration certificate attested by a gazetted Officer
2	Scanned copy of experience certificate	Copy of experience certificate
3	Scanned copy of duly filled e-payment form	Duly filled e-payment requisition
4.	Scanned copy of other certificates/documents required for tender acceptance	Copy of other certificates/documents required for tender acceptance
5.	Scanned Coy of duly filled preliminary Agreement in stamp paper of Rs.200/-	Preliminary Agreement in original.
6	Scanned copy of authorization certificate/letter from OEM, if the bidder is a reseller.	Copy of authorization certificate/ letter from OEM, if the bidder is a reseller.

The bids will be opened at the date and time specified. Further details can be had from the office of the undersigned on all working days during working hours. The bidders are advised to submit their bid well in advance to avoid any kind of network issues.

Date and time of the opening of the financial bid(s) will be decided after the technical bid(s) have been evaluated by the University. The financial bid(s) of only those tenderer(s) will be opened, who qualifies the technical evaluation, on the specified date and time. The date, time & place of opening of the financial bid(s) will be intimated in due course of time.

II. Scope of the Work

- 1. Supply and Implementation of UTM in High Availability mode
- 2. Required configuration to be done as per the existing UTM.
- 3. Required configuration should be done as per MG University requirements.
- 4. Installation and configuration of HP Open view NMS as per MG University requirements.

III. Terms and Conditions for the Supply and Installation of 2 Nos. of Unified Threat Management Appliance (UTM)

- 1. The Bidder must be a registered and reputed firm in India and should be operating in India for the last 5 Years (Proof to be attached)
- 2. The bidder should have valid GST registration number (Proof to be attached)
- 3. The bidder should have valid PAN number(Proof to be attached)
- 4. The bidder should have a minimum average turnover of Rs.50 Lakh for the last three Years (Proof to be attached)
- 5. The Bidder should have experience of at least 7 years in the field of Information Technology in India.(Proof to be attached)
- 6. The Bidder should have experience in successfully implementing the UTM in any government department/ PSU/ PWD/ CPWD/MNCs during last 5 Years. The proof for the same should be attached.
- 7. The bidder shall have valid ISO 9001:2008 certificates(Proof to be attached)
- 8. The bidder should have local presence with service centre in Kerala.
- 9. The bidder should clearly mention the make and model of the items.
- 10. The bidder must attach the technical data sheet of the items being quoted in the tender.
- 11. The bidder should be an OEM or OEM authorized partner having a direct purchase and support agreement with the OEMs (Submit a MAF for the OEMs, whose products are being quoted).
- 12. The tender bids should be valid for a minimum period of 90 days from the date of tender opening for placing the initial order.
- 13. Only the Financial/Commercial Bids of the bidders shortlisted after the evaluation of Technical bids will be opened.
- 14. The Financial/Commercial Bids of shortlisted bidders will be opened in the presence of their representatives, if present, on a specified date and time to be intimated to the respective vendors, and the same will be evaluated by a duly constituted Financial Evaluation committee (FEC).
- 15. Printed conditions mentioned in the tender bids will not be binding on MGU. All the terms and conditions for the supply, testing and acceptance, payment terms, penalty etc. will be as those mentioned herein and no change in the terms and conditions by the tenderers will be acceptable. Alterations, if any, in the tender bids should be attested properly by the tenderer, failing which, the tender will be rejected.
- 16. The prices quoted in Indian rupees should be inclusive of freight charge, loading/unloading charges, supply and onsite installation of the product with three (03) years comprehensive on-site Warranty. In addition to the above, Annual

Maintenance Contract (AMC) charges for a period of two (2) years for maintaining the equipment at the University site, after the expiry of the period of warranty/guarantee should be quoted separately.

- 17. The firms should clearly satisfy the warranty terms and the quoted items should meet all the technical specifications.
- 18. In the case of bidder whose tender is accepted for placing the supply order, a Security Deposit equal to 5% (five percent) of the cost of the items to be supplied shall be submitted along with acceptance of purchase order. Earnest Money Deposit will be refunded on receipt of Security Deposit. Security Deposit will be in the form of Bank guarantee drawn in the name of "Registrar, Mahatma Gandhi University, Kottayam" valid for a period of thirty six months. Security deposit will have to be renewed for such further periods till satisfactory completion of supply has been done and satisfactory free warranty support has been provided by the vendor for all the systems supplied and installed, and there after the Security Deposit will be returned. If the bidder is not able to supply the ordered items completely within the specified period, the Security Deposit will be forfeited in full. No interest will be payable for the Earnest Money Deposit and the Security Deposit.
- 19. The courts in Kerala alone will have the jurisdiction to try any matter, dispute or reference between parties arising out of this tender / contract. It is specifically agreed that no court outside and other than Kerala court shall have jurisdiction in the matter.

JOINT REGISTRAR-I (ADMN.) FOR REGISTRAR

ANNEXURE – I

Technical specification of Unified Threat Management (UTM)
Appliance- 2 no's - High Availability - Preferred Make - Fortigate 2000E,
Paloalto PA5200 Series, Sophos XG550, Checkpoint 15600 or equivalent with
specification given below.

General Configuration

- The Firewall must be appliance based, rack mountable.
- The Product must have Internal or External Redundant power supply from Day1.
- The device should be having security functions like Firewall, VPN (IPSec Site to Site &SSL Client VPN), Application firewall, Gateway level antivirus, Anti-Spam, Category based web and application filtering, Intrusion prevention system, Traffic shaping, etc.
- Licensing: should be per device license for unlimited users for Firewall / VPN (IPSec Site
 to Site& SSL Client VPN) and other features. There should not be any user/IP/host
 based licenses Please specify if the product does not follow the required licensing
 policy.
- The device must be having minimum of 8 interfaces with auto sensing 10/100/1000 capability from day one and should support additional 4 no:s of 10 G SFP+ in future.
- The Firewall must support at least **20,000,000** concurrent connections and **2,00,000** new sessions per second.*
- Firewall Throughput should be more than 60 Gbps.*
- The firewall should support a minimum of 11.5 Gbps of IPS Inspection Throughput *
- The device should support UTM or NGFW Throughput of minimum 9 Gbps. *
- Should support more than one ISP link with automatic ISP link failover as well as ISP link load sharing for outbound traffic.
- The proposed solution should support On-appliance or External reporting solution same OEM and it should support 10 TB expansion if required in future.

Routing & Authentication support

- Device should support Static routing, RIP, OSPF,BGP.
- The proposed solution should support policy-based routing.
- Zone isolation and zone-based policy support.
- Support for authentication for Users and Firewall Administrators (Local and Remote RADIUS and LDAP).
- Support for user based policy.
- Support for Native Windows Active Directory Integration

IPv6 Support

 Should Support IPv6 functions such as IPv6 static routing, IPv6 tunneling, firewall and UTM for IPv6 traffic.

- Should support DNSv6.
- Should support spoof prevention on IPv6.
- The product should be ipv6 phase 2 ready
- Firewall, VPN ,Antivirus, Antispam, Web & Application filtering.

The proposed solution must have the following features built in:

- a) Should be able to block HTTPS based URLs
- b) Should be able to block URLs based on regular expressions c) Should support exclusion list based on regular expressions d) Should be able to block any HTTP / HTTPS upload traffic
- e) Should be able to block Google cached websites based on category.
- f) Should be able to block websites hosted on Content Distribution Network companies such as Akamai.
- g) Should be able to identify and block requests coming from a host behind a proxy server on the basis of username and IP address.
- h) Should be able to identify and block URL translation requests.
 - The solution should be able to address all aspects of the Advanced Persistent Threat
 (APT) or Advanced Threat Protection (ATP) lifecycle, including: Blocking known malware
 sources, blocking known malware, identifying and blocking unknown or zero-day
 malware attacks, protecting against client-side vulnerabilities, blocking command and
 control back-door traffic, blocking server-side vulnerabilities, and advanced application
 and user control
 - The device should have minimum 75+ Web-Category webfiltering solution & an Application signature database of 2000+ Applications for Application filtering
 - Gateway AV should be supported for real-time detection of viruses and malicious code for HTTP, HTTPS, FTP, SMTP, SMTPS, POP3, POP3S, IMAP and IMAPS
 - The basic virus signature database of the proposed solution should comprise of all the viruses "in the wild" and variants. Further, it should also contain database of all known malware/spyware used for phishing and accessing/stealing information without the end user's knowledge.
 - The proposed solution should be able to block dynamic/executable files based on file extensions.
 - The solution should protect users from downloading virus / malware-embedded files by stopping viruses/malware at the gateway itself. It should provide real-time security scanning.
 - The proposed solution should be able to detect the latest phishing URLs in email content and warn the end-user.
 - The proposed solution should have the ability to identify and block proxy avoidance techniques, for example, Tor network, open Internet VPN sites.

- The proposed solution must identify (Allow/Block/Log) the applications regardless of port, protocols and encryption, including SSL/TLS.
- The proposed solution must be capable of identifying hidden applications running over standard ports (80, 443, 22 etc.)
- The proposed solution must be capable of blocking the following type of applications:
 Online Games, Instant Messengers, Peer-to-Peer (P2P) applications, Browser Based
 Web Proxy (Regardless of IP address or Port Number), Web 2.0 based applications
 (Facebook, CRM etc.), Applications that provide Remote Control, All type of streaming
 media (Both Web and Software Based), VOIP Applications
- The proposed solution must support Application-based Bandwidth Management, which allows the administrator to create application based bandwidth policies.
- Protect against Cross site Scripting, SQL Injection, Generic Web application Attacks, Trojan, Information Disclosure, Bad robot, etc.
- Should support Gateway Data Loss Prevention (DLP) feature for popular mail protocols like POP3, IMAP, SMTP, POP3S, IMAPS and SMTPS.

Certifications/Ratings

OEM should be having the following certifications/Ratings

- a) The proposed solution should have ICSA or West Coast Labs Checkmark certification.
- b) OEM must be a Leader or Challenger in Gartners Magic Quadrant for UTM or NGFW
- c) Product should have a "Recommended rating" in 2017 NSS Labs NGFW Group test

Warranty and support

Comprehensive on-site warranty by OEM for a period of Three years

* Documentary proof to be attached

BOM

SI No	Hardware	Unit	Qty
1	UTM Firewall	Nos	2
2	Subscription, Installation and support for Three years	Nos	2
3.	Installation and configuration of HP Openview NMS with 1000 clients	Nos	1

Annexure-II

DECLARATION REGARDING BLACKLISTING/DEBARRING FOR TAKING PART IN TENDER.

(To be executed &attested by Public Notary / Executive Magistrate on Rs.200/- non-judicial Stamp paper by the bidder)

Stamp paper by the bludery
I/WeManufacture/Partner(s)/Authorized Distributor/agent of M/shereby declare that the firm/company namely M/shas not been blacklisted or debarred in the past by
Union / State Government or organization from taking part in Government tenders in India.
Or
I/WeManufacture/Partner(s)/Authorized
Distributor / agent of M/s hereby declare that the Firm/company namely M/swas blacklisted or debarred by Union/State
Government or any Organization from taking part in Government tenders for a period of years w.e.f to
In case the above information is found false, I/we are fully aware that the tender, contract will be rejected/cancelled by Registrar, Mahatma Gandhi University and the EMD, Performance Security shall be forfeited.
In addition to the above, the Registrar, Mahatma Gandhi University will not be responsible to pay the bills for any completed /partially completed work.
DEPONENT
Name:
Address:
Attested:
(Public Notary / Executive Magistrate)

Annexure- III

CERTIFICATE OF GUARANTEE/WARRANTY (on letter head)

I/We certify that the guarantee/warranty shall be given for a period of Three (03) year, starting from the date of the satisfactory installation, commissioning and handing over of the equipment and the work completed under the contract. During the guarantee/ warranty period, I/we shall provide the "after sale service" and the replacement of defective/or any part(s) of the equipment or rectification of defects of work of the equipment will be free of cost. The replacement of the parts shall be arranged by us, at our own cost and responsibility. We undertake that the above guarantee/warranty shall begin only from the date of handing over of the equipment. The benefit of change in dates of the guarantee/warranty period shall be in the interest of the user / your organization.

Uptime Guarantee: During the guarantee/warranty period, we will be responsible to maintain the equipment including all the accessories in the satisfactory faultless working conditions for a period 347 days (i.e. 95% uptime) in a block of 365 days.

All complaints send through the designated mail id will be attended to by us on the next day itself.

In case there is delay of attending the complaint from our side then the University can count the number of days in excess of the permissible response time in the downtime. The above said response time of attending to a complaint by us will not be counted in the downtime.

We shall pay a penalty equivalent to 0.5 % of the order value of the equipment for every week or part thereof delay in rectifying the defect.

No deduction or advantage of any kind on account of Sundays, half days or Public/Govt. holidays observed by the university shall be allowed from the total down time permissible as defined above. The right to accept the reason(s) for delay and consider reduction or waive off the penalty for the same shall be at the sole discretion of the Institute.

I/We shall try to repair the equipment at the university premises. However, in case it is not possible to repair the equipment at the university premises, we will take out the equipment to our site at our own expenses. We shall take the entire responsibility for the safe custody and transportation of the equipment taken out for repairs till the equipment is rehabilitated to the university after repair. If any loss of equipment occurred during our custody, we will restore it/compensate to university for such losses.

I/We guarantee that in case we fail to carry out the maintenance work within the stipulated period, the university reserves the right to get the maintenance work carried out at our risk, cost and responsibility after informing us. All the expenses including excess payment for repairs / maintenance shall be adjusted against the Performance Bank Guarantee. In case

the expenses exceed the amount of the Performance Bank Guarantee, the same shall be recoverable from us with/without interest in accordance with the circumstances.

I/We undertake to perform calibration after every major repair/breakdown/taking the equipment out for repair from the university premises.

I/We guarantee that we will supply spare parts, if and when required on agreed basis for an agreed price. The agreed basis could be an agreed discount on the published catalogue price.

I/We guarantee to the effect that before going out of production of the spare parts, we will give the adequate advance notice to university so that university may undertake to procure the balance of the life time requirements of the spare parts.

Authorized signatory of the company with seal

Annexure-IV

BANK GUARANTEE FORM FOR PERFORMANCE SECURITY

The Registrar,
Mahatma Gandhi University
Kottayam, Kerala

WH	EREAS		 			(Na	ame and addres	ss of the
						•	oursuance of	
no		dated	 (Hereina	fter	called	"the	e contract"	') to
supply			 					

AND WHEREAS it has been stipulated by you in the said contract that the Supplier shall furnish you with a bank guarantee by a scheduled /nationalized bank recognized by you for the sum specified therein as security for compliance with its obligations in accordance with and due performance of the contract;

AND WHEREAS we have agreed to give the Supplier such a bank guarantee;

We hereby waive the necessity of your demanding the said debt from the Supplier before presenting us with the demand.

We further agree that no change or addition to or other modification of the terms of the contract to be performed there under or of any of the contract documents which may be made between you and the Supplier shall in any way release us from any liability under this guarantee and we hereby waive notice of any such change, addition or modification.

The Bank guarantee shall be interpreted in accordance with the laws of India. The GuarantorBank represents that this Bank Guarantee has been established in such form and with such content that is fully enforceable in accordance with its terms as against the Guarantor Bank in the manner provided herein.

The Bank Guarantee shall not be affected in any manner by reason of merger, amalgamation, restructuring or any other change in the constitution of the Guarantor Bank or

the Supplier. The Bank further undertakes not to revoke this Guarantee during its currency except with the previous express consent of the Buyer in writing.

The Bank declares that it has power to issue this Guarantee and discharge the obligations contemplated herein, the undersigned is duly authorized and has full power to execute this Guarantee for and on behalf of the Bank.

execute this Guarantee for and on behalf of the Bank.
This guarantee shall be valid up to and including theday of
(Signature with date of the authorized officer of the Bank)
Name and designation of the officer

Seal, name & address of the Bank and address of the Branch

Annexure-V

(Format for preliminary agreement)

AGREEMENT

Articles of agreement executed on this the day of
WHEREAS in response to the Notification No
WHEREAS the bounden has also deposited with the University a sum of
NOW THESE PRESNTS WITNESS and it is hereby mutually agreed as follows:
1. In case the tender submitted by the bounden is accepted by the University and the contract fordays of acceptance of his tender execute an agreement with the University incorporating all the terms and condition under which the University t accepts his tender.
2. In case the bounden fails to execute the agreement as aforesaid incorporating the terms and conditions governing the contract, the University shall have power and authority to recover from the bounden any loss or damage caused to the University by such breach as may be determined by the University by appropriating the earnest money deposited by the bounden and if the earnest money i found to be inadequate the deficit amount may be recovered from the bounden and his propertie movable and immovable in the manner hereinafter contained.
3. All sums found due to the University 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 force as though such sums are arrears of land revenue and in such other manner as the University may deem fit.
In witness whereof Shri (H.E. name and designation) for and
on behalf of the Registrar, Mahatma Gandhi University and Shri
have hereunto set their hands the day and year shown against their respective signatures.
Signed by Shri (date) In the presence of witnesses
1
2
Signed by Shri (date) In the presence of witnesses:
1
2

Annexure - VI

Format for Financial Bid

(To be submitted on the letterhead of the company/ firm)

Ref. No. Dated:

C No	Description	Otr	Unit Rate	Amount
S. No.	Description	Qty.	(`)	(`)
1.	Basic Price for UTM Appliance			
2.	Other charges (if any, specify in brief)			
3.	GST			
Total				
4		Charges	for 1st year	
4.	AMC charges (After the expiry of warranty) UTM Appliance	Charges	for 2nd year	
Total Co				

Note:

- 1. I/We have gone through the entire terms & conditions as stipulated in the tender enquiry document and confirm to accept and abide the same.
- 2. Price shall be inclusive of GST and must be quoted in Indian rupees. No other charges would be payable by the university.
- 3. AMC has to be for all parts including active and passive components. The charges for the service contract will be paid half-yearly in arrears for satisfactory service or as per the mutually agreed schedule

Authorized signatory of the company with seal

Annexure-VII

Technical Compliance Sheet

S. No.	Specifications	Complied (Y/N)	Remarks
1			
2			
3			

Annexure-VIII

FORMAT OF THE LETTER SUBMITTING TENDER

Place
Date:

To

The Registrar Mahatma Gandhi University Priyadarshini Hills P.O. Kottayam – 686 560

Sir,

Having examined the specifications, and their estimate relating to works/supply specified in the memorandum here in after set and affecting the tender, I/We, hereby offer to execute the supply and installation works specified in the said memorandum at the rates mentioned in the attached estimate and in accordance with the specifications in all respects, and instructions in writing referred to in the conditions of tender, special conditions and the estimate and conditions of contract with such materials as are provided for, by and in all other respects in accordance with such conditions so far as they may be applicable.

MEMORANDUM

1. Description of the Works
a. Estimated Cost
b. Tender PAC
c. Earnest Money Deposit

d. Last date for completion

- 2. Should this tender be accepted, I/We hereby agree to abide by, fulfill the terms and provisions of the conditions of contract annexed here to so far they may be applicable or in default thereof to forfeit and pay to Mahatma Gandhi University the amount mentioned in said conditions.
- 3. I/We deposited a sum of Rs. as earnest money deposit. Should I/We fail to execute the contract when called upon to do so, I/We do hereby agree that this sum shall be forfeited by me/us to Mahatma Gandhi University.

Signature and address of Witnesses:

1.

2.

Yours faithfully,

Signature of the Tenderer

Annexure-IX

TENDERER'S EXPERIENCE

Tenderer shall furnish here a list of similar jobs successfully executed by him to whom a reference may be made by owner in case he considers such reference is necessary.

SI. No.	Name &description of work	Value of work	Period of completion	Client	Persons(wit address reference may made)	th to be	
	Certified that the above information is true and in case it is found not to be true at a later date, the University shall have the right to terminate the contract.						
			Signa	ture:			
			Desig	gnation:			
			Comp	oany:			
Seal c	of company				Date:		

Annexure-X

Form I

Compliance Sheet for technical bid

Sl.No	Requirement	Required	Provided	Page No. of enclosure
1.	Application/Tender		Y/N	
2	EMD		Y/N	
2.	Legal Entity	Copy of certificate of incorporation + copy of GST registration+ copy of Income tax paid	Y/N	
3.	Particulars of Bidders	(Form II)	Y/N	
4.	Sales Turn over	Audited B.S(3 yrs) or certificate from statutory auditor	Y/N	
5	Technical Capability	Completion certificates of similar projects	Y/N	
8.	Black listing	Certificate in the prescribed format	Y/N	
9	Preliminary agreement	Prescribed form	Y/N	

Annexure-XI

Form II

SI.No	Information sought	Details furnished
1.	Name and address of the company	
2.	Whether Public Limited/Pvt. Limited etc.	
3.	Year of incorporation	
4.	Date of Registration	
5.	RoC Ref.No.	
6.	Details of company registration	
7.	GST registration No	
8.	PAN No	
9	Name, Address, E mail, Phone Nos. of contact person	

Annexure-XII

Form III

Letter of Proposal

То
The Registrar, M.G University, Kottayam-686560.
Sir,
Sub: Submission of Technical Bid for (Name of the Company)
I/We, the undersigned, offer to provide our proposal for UTM Appliance requested by M G.University document dated
Yours sincerely
Authorised signatory
Name and Title of signatory
Name of firm
Address
Place:
Date:

Annexure-XII

Form IV

Covering letter for Financial Proposal

То		
The Registrar, M.G University, Kottayam-686560.		
Sir,		
Sub:		
I/We, the undersigned, offer to provide UTM Appliance in accordance with your request dated		
The offer in this bid is valid for Days from the date of opening the bid.		
I/We understand that the actual payment would be made as per the existing tax, rates during the time of payment.		
I/We declare that the bid price is for the entire scope of the work requested for. We agree to furnish any other further information/documentary proof in this region before evaluation of our bid in case required by the University.		
Yours sincerely		
Authorised signatory		
Name and Title of signatory		
Name of firm		
Address		
Place: Date:		