



कृषिमूला ऋद्धिः

Director of Information Technology
Navsari Agricultural University, Navsari-396450, Gujarat

Tender Document

for

Short Term Tender: Buyback of Firewall

Appliance [NAU/IT/03-2017-18]

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Chapter 1: Tender Notice - NAU/IT/03-2017-18

Short Term Tender: Buyback of Firewall Appliance [NAU/IT/03-2017-18]

Department of Information Technology, Navsari Agricultural University (NAU) is having role of process automation in service delivery. This tender is intended to procure material and services which accelerate automation activity in NAU.

Tender available for downloading from website www.nau.in	17/03/2018 onwards
Last date for submission of Tender Fee, EMD and other documents. (Physical Submission)	23/03/2017 up to 17:00
Tender Fees	Rs. 1,500
Earnest Money Deposits (EMD)	Rs. 13,500
Security Deposit (For qualifying bidders)	5% of Purchase amount

The detail requirements, specifications of procurements and tender document will be published on website www.nau.in under tender section. If any future updates /corrigendum regarding tender will be there, it will be only published in website www.nau.in during tender period. Bidder may check www.nau.in periodically during tender period.

Inspection of Buy Back Items are arranged during tender period during office hours.

Director IT, NAU

Chapter 2: Guidelines and Terms & conditions

1.	Contents of the tender document & Clarification of tender document	
	1.1	The parties are expected to examine all instructions, forms, terms and requirements in the tender document. Failure to furnish all information required by the tender document or submission of a bid not substantially responsive to the tender document in every respect will be at the party's risk and may result in the rejection of the bid.
	1.2	A prospective party requiring any clarification on the tender document may clear their doubt through email communication at itcell@nau.in only.
2.	Amendment of tender document	
	2.1	At any time prior to the last date for receipt of bids, the Purchaser, may, for any reason, whether at its own initiative or in response to a clarification requested by a prospective party, modify the tender document by an amendment.
	2.2	The amendment will be notified through website (www.nau.in / www.nprocure.com) to all prospective parties. So all the bidders are requested to frequently visit the Navsari Agricultural University website.
	2.3.	In order to afford prospective parties reasonable time in which to take the amendment into account in preparing their bids, the Purchaser may, at its discretion, extend the last date for the receipt of Bids.
3.	Bid Prices	
	3.1	The bidders should have to quote the prices in Indian Rupees for the each including installation, configuring, commissioning, labour, transportation and taxes charges. Prices quoted must be firm and final and shall remain constant throughout the bid validity period of the contract and shall not be subject to any upward modifications, whatsoever.
	3.2	Travel expenditures of man power for installation and configuration will not be given by Navsari Agricultural University.
4.	Site Conditions	
	4.1	It will be imperative on each party to fully acquaint him with the Navsari Agricultural University building conditions and factors which would have any effect on the performance of the work and / or the cost.
5.	Selection of Bidders	
	5.1	Selection of each bidders will be done on the basis of the overall grand total obtained (Overall grand Total price = Price of new appliance - Buyback price of old appliance).
	5.2	Price of new appliance must cover all charges of 1 st year License Fee, AMC, Service charges and Support charges.
6.	Documentation	
	6.1	The party shall supply the following documents at the time of Acceptance Test: Complete set of Technical/Operation and Maintenance Manual.
7.	Terms of Payment	
	7.1	The Bidder should specifically note that no advance payment will be made.
	7.2	The payment of all charges shall be made after satisfactory completion of the work as specified.
	7.3	The annual charges of service renewal (License Fee, AMC, Service charges and Support charges) will be paid in advance (2 nd year onwards).
8.	Rights	
	8.1	Right is reserved to accept or reject any or all tender without assigning any reasons thereof.

SEAL & SIGNATURE OF BIDDER

9	Warranty	
	9.1	The parties should warrants that the Goods supplied under this tender are new, unused, of the most recent or current models and those they incorporate all recent improvements in design and materials unless provided otherwise in the tender. This warranty shall remain valid for a period of service contract (service contract = AMC period) after the Goods or any portion thereof as the case may be, have been delivered, commissioned and accepted at the final destination.
	9.2	The Purchaser shall promptly notify the party in writing of any claims arising under this warranty.
	9.3	Upon receipt of such notice, the party shall, within 48 hours and with all reasonable speed, repair or replace the defective Goods or parts thereof, without cost to the Purchaser.
	9.4	If the Supplier, having been notified, fails to remedy the defect(s) within the period specified in 9.3 above, the Purchaser may proceed to take such remedial action as may be necessary, at the party's risk and expense and without prejudice to any other rights which the Purchaser may have against the Supplier under the Contract.
10	Services Renewal	
	10.1	The Service Renewal is covering License Fee, AMC, all technical support of the products 24x7, Upgradation of software products, configuration support for NAU requirements, warranty of the products. The Service Renewal will start from 2 nd year. Supplier must quote the annual service renewal charges. The Service Renewal charges will be paid from 2 nd year. In any case supplier may not change the Service renewal charges. The offer of service renewal charges will be inclusive of all taxes. This tender is inquiring Service Renewal charges for 3 years (for 2 nd year, 3 rd year and 4 th year). The quoted Service Renewal charges cannot be changed in any case.
11	Service Terms	
	11.1	While supplier is accepting the purchase order it is resulted in to service contract. During service contract all the terms of tender conditional will be applied without any change. It is observed that supplier/manufacture is changing their service policy at certain duration but it will not impact to this service contract.

SEAL & SIGNATURE OF BIDDER

Chapter 3: Bidder Information

1. Name of supplier / firm :
2. Complete postal address :
3. Telephone Number :
4. FAX Number (if any) :
5. E-mail address (if any) :
6. GST No. :
7. VAT / TIN No. :
8. PAN No. :
9. Registration No. :
10. Any other details:

We agree to abide by the terms and conditions of supply mentioned in this tender document.

Signature of Bidder
(With Stamp, Name & Designation)

Chapter 4: Technical Bid Document (Checklist Documents)

Following Checklist documents required to be submitted in hardcopy format with signed and stamp on each page. If, bidder is not submitting any of the document it will result in to disqualification from this tender.

Sr. No.	Check List Documents	Remarks
1	Tender Fee: Demand draft of Rs. 1500/- (Non-Refundable)	Mandatory
2	EMD : Demand draft of Rs. 13,500 (Refundable)	Mandatory
3	Valid Registration Certificate of bidder's firm. (Shop Act Registration / Partnership deed /Memorandum of article/Registration of firm / Small Scale Industry Registration)	Mandatory
4	Signed and stamp copy of Chapter 2: Guidelines and Terms & conditions	Mandatory
5	Signed and stamp copy of Chapter 3: Bidder Information	Mandatory
6	Last 3 Year Income Tax Returns of financial year 2014-15, 2015-16, 2016-17 (that is AY 2015-16, 2016-17,2017-18)	Mandatory
7	Original affidavit from the bidder that business entity is not blacked listed (notarized on Rs. 100 stamp paper)	Mandatory
9	Manufacturer certificate / Fresh Authorization Certificate on OEM's letterhead (whichever is applicable).	Mandatory

Chapter 5: Tender Fee, EMD and Submission Address

Tender Fee: Bidder has to submit nonrefundable Tender Fee 1500 in the form of Bank Draft in favor of "Drawing and Disbursing Officer (DDO) ASPEE Agri. Mgmt. Inst. A/c", payable at Navsari. Tender fee is compulsory for tender participation, without which tenders will not be considered.

Earnest Money Deposit: Tender shall be accompanied by an earnest money, without which tenders will not be considered. The amount of EMD 13500 should be deposited in the form of Nationalized or Scheduled Bank Draft in favor of "Drawing and Disbursing Officer (DDO) ASPEE Agri. Mgmt. Inst. A/c", payable at Navsari.

Refund of earnest money: The earnest money of unsuccessful Bidder will be refunded.

Forfeiture of earnest money: The earnest money will be forfeited in the following cases:

- When Bidder withdraws or modifies the offer after opening of tender.
- When the Bidder does not deposit the security money after the work/purchase order is given.

Security Deposit: Successful bidder shall deposit security/performance guarantee money (5% of purchase/work order) in the form of Bank Draft in favor of "Drawing and Disbursing Officer (DDO) ASPEE Agri. Mgmt. Inst. A/c", payable at Navsari or Performance Bank Guarantee (25% of purchase/work order).

Refund of Security Deposit: The amount of security deposit will be refunded after completion of warranty period / service contract.

Forfeiture of Security Deposit: The security deposit will be forfeited in the following cases:

- When works/services are not successfully executed as per requirement mentioned in the tender document.
- When successful bidder terminate the works/services in during execution period.
- When any issue raised in quality or services during warranty period

Tender Fee, EMD and Tender Submission Address:

Director IT,
ASPEE Agribusiness Management Institute, Navsari Agricultural University,
Eru Char Rasta, Navsari– 396450 (Gujarat)

Chapter 6: Specification, Requirement and Scope of work for procurements

Item-1: New firewall appliance (Procurement)

- Inclusive of License Fee, AMC, Service charges and Support charges for 1st Year.
- **TECHNICAL SPECIFICATIONS AND STANDARDS FOR UNIFIED THREAT MANAGEMENT**

Basic Criteria

- The quoted OEM for UTM should have presence in India from more than last five years.
- OEM should have support Centre in India.
- Appliance should have ICSA certification for Firewall.
- The proposed solution should support High Availability Active-Active mode
- The proposed UTM should be a leader in Gartner's Magic Quadrant for UTM

Appliance Throughput

- Firewall throughput of 28Gbps
- Minimum 3.3Gbps of Antivirus Throughput
- Minimum 17,500,000 Concurrent sessions
- Minimum 5.5Gbps of IPS throughput
- Minimum 200,000 New Sessions/second
- Minimum 2.7Gbps of IPsec VPN throughput
- Minimum of 2400IPsec Site to Site tunnel support and 300SSL VPN user support. License for the same should be included in the BOM.
- Minimum of 8 x GBE and 2 x Gbe SFP Interfaces with expansion slot to accommodate more ports if required.

General Features

- Should be appliance based and rack mountable
- Identity based Firewall
- Intrusion Prevention System
- Gateway Anti-virus
- Gateway Anti-spam with DLP functionality
- Web Content & Application Filtering
- Web Application Firewall
- Bandwidth Management
- Inbuilt-on Appliance Reporting
- High Availability (Active-Active & Active-Passive)
- Network: OSPF, Round Robin load balance, RIPv2, BGP, equal & unequal cost load balance, High Availability, QoS, etc. Round Robin Balance, Server Load Balancing.
- Support for user authentication over SMS.
- Country Based Blocking, FQDN support and should support MIX mode deployment
- 4 Eye Authentication feature for data integrity.

Gateway Antivirus, Anti-Spyware and Anti-Spam

Virus, Worm, Trojan Detection and Removal, Automatic Virus signature database update, Real-Time blacklist, MIME header check, and Redirect spam mails to dedicated email address, image-spam filter, Spam Notification, Zero hour Virus outbreak protection. Recurrent pattern Detection Technology for AS. Self Service Quarantine area. Should have dual AV engine, Email Encryption, Recipient self-registration SPX password management, DLP engine with automatic scanning of emails and attachments for sensitive data

Web and Application Filtering:

- URL, Keyword, File type block, Block Java applets, cookies, ActiveX, Block malware, phishing, pharming URL, block P2P application, anonymous proxies, Customized block on group basis.

Minimum of 89 categories with more than 160 million URLs supported. 2000+ application support categorized into Characteristics, Technology, Category and Risk Level.

- The proposed solution must work as a standalone HTTP proxy server with integrated Firewall, Anti-Virus, Anti-Spam, Content filtering, IPS.
- Blocking personal Gmail and allowing only hosted email domains.

Wireless Security and Control:

- Should act as a wireless controller, Simple plug-and-play deployment of wireless access points (APs) - automatically appear on the firewall control center, Central monitor and manage all APs and wireless clients through the built-in wireless controller, Support for IEEE 802.1X (RADIUS authentication), Wireless repeating and bridging meshed network mode with supported APs

Security Features

- **Intrusion Prevention System (IPS):**For different attacks like Mail Attack, FTP Attack, HTTP Attack, DNS Attack, ICMP Attack, TCP/IP Attack, DOS and DDOS Attack, Source and Destination NAT, TelNet Attack. Signatures: Default (5000+), Custom , IPS Policies: Multiple, Custom, User-based policy creation, Automatic real-time updates from CR Protect networks, Protocol Anomaly Detection.
- **Web Application Firewall (WAF):** Should have an option of WAF with Positive Protection Module, Protection against SQL Injections, Cross Site Scripting (XSS), Session Hijacking, URL tampering, Cookie Poisoning, Reverse Proxy, Dual AV Engine, Extensive Logging and reporting. If external, then has to be quoted separately.
- **Advance Threat Protection:** Advanced Threat Protection (Detect and block network traffic attempting to contact command and control servers using multi-layered DNS, AFC, and firewall)
- **VPN:** IPsec, L2TP, PPTP and SSL as a part of Basic Appliance, VPN redundancy, Hub and Spoke support, 3DES, DES, AES, MD5, SHA1 Hash algorithms, IPsec NAT Transversal.
- **Load Balance:** For Automated Failover/Failback, Multi-WAN failover, WRR based Load Balancing. High availability: Active-Active. QoS, OSPF, RIPv2, BGP, Policy routing based on Application and User support Round Robin Load Balancing.
- **Bandwidth Management:** Application and user identity based bandwidth management, Multi WAN bandwidth reporting, Guaranteed and Burstable bandwidth policy. Bandwidth for User, Group, Firewall Rule, URL and Applications.

Monitoring and Reporting System:

- Includes Integrated Web Based reporting,, Monitoring & Logging, **Monitoring suspicious activity and alerts**, Graphical real-time and historical monitoring, email notification of reports, viruses and attacks reports. IPS, Web filter, Antivirus, Anti-spam system reports. IP and User basis report, 45+ Compliance reports and 1200+ drilled down reports on the appliance.
- Should provide User Threat Quotient (UTQ) report for actionable security intelligence, helping Administrators identify risky users with ease within the organization's network.

License for UTM (Unified Threat Management)

- One Year round the clock support for Gate Way Antivirus, spyware, Anti-Spam, WAF, content and application filtering. IPS, reporting and support, Upgrades.
- License period will be counted after activation.

Item-2: Old firewall appliances (Buyback)

- Fortigate 1000C
- Fortianalyzer 100C

Chapter 7: Price Bid of procurements

Sr. No.	Procurement Item	Price
1	Price of new firewall appliance as per specification given in Chapter 6 + License Fee, AMC, Service charges and Support charges for 1 st Year	
2	Buyback price of old appliances (Fortigate 1000C and Fortianalyzer 100C)	
	Overall grand Total price = Price of new appliance (Item-1) - Buyback price of old appliances (Item-2)	

Service Renewal charges for 3 years (for 2nd year, 3rd year and 4th year)

Sr. No.	Procurement Item	Price
1	Annual Service Renewal charges as specified in Chapter 2, Item 10.1	

Signature of Bidder
(With Stamp, Name & Designation)