



TAMIL UNIVERSITY, THANJAVUR

Tender Document

For

Supply, Installation and Commissioning of
Server with Network Accessories

August 2017

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TAMIL UNIVERSITY, THANJAVUR

Name of Work: Supply, Installation and Commissioning of Server with Network Accessories

1. INVITATION

On behalf of the Tamil University, Thanjavur, Tender is invited for the Supply, Installation and Commissioning of Server with Network Accessories **under** two cover tender systems (Pre-Qualification Bid & Financial Bid) from reputed firms/ Service Providers / Agencies by the Registrar, Tamil University, Thanjavur. One cover shall contain EMD & Pre-Qualification Documents and the Second Cover shall contain Financial Bid. The Tender submission date is 11.9..2017 at 15.00 Hrs.

2. PRE-QUALIFICATION CRITERIA

- a) The Bidder should have previous experience in supply, installation and Commissioning of Server with Network Accessories to the Government departments / Universities/ other educational institutions/agencies.
- b) The bidder should have got their firm registered with either Service Tax Directorate or with the Commercial Taxes Department or any other Government Department.
- c) The bidder should have recorded an average annual turnover of Rs.1.00 Crore per year during the last three (3) financial years. (2014-15, 2015-2016 & 2016-2017). The bidder should submit the Annual Report/Audited Accounts Certified by Auditor in this regards.
- d) The bidders should have not been Black listed by any of the Government Agency in the past years for any reasons whatsoever.
- e) See paragraph No 17.2 for further details.

3. SCOPE

The scope of this tender is to Supply, Installation and Commissioning of Server with Network Accessories in Tamil University, Thanjavur . The responsibilities of the selected tenderer are given below:

1. The supplied appliance should be integrated and managed with existing WiFi Infrastructure in the University.
2. Should have a facility/office at Tamil Nadu to provide service and maintenance support. Necessary proof is to be enclosed in this regard
3. Company should have good track record over for the past three years from the date of NIT

4. PERIOD OF COMPLETION

The work should be completed before

5. EARNEST MONEY DEPOSIT

- An Earnest Money Deposit of Rs.15,400/- (Rupees Fifteen thousand Four hundred only) should be accompanied along with the Pre-Qualification tender.
- The Earnest Money Deposit should be remitted in the form of Demand Draft issued by any Nationalized or Scheduled Banks drawn in the favour of "The Registrar, Tamil University, Thanjavur 613 010.
- NOTE: The EMD in the form of Bank Guarantee/ Cheque or other form will not be accepted.
- Pre-Qualification Bid without the requisite Earnest Money Deposit will be summarily rejected and treated as Non-Responsive tender.
- The Tenderer should not withdraw from the work after acceptance and received the work order from the university at any cost. Such withdrawal if any, is subject to legal proceedings by the university and cost of damage should be claimed from the tenderer.

6. EMD forfeit

If the successful tenderer fails to supply. Installation and commissioning of server with network accessories within the stipulated period, the Earnest Money Deposit amount remitted by the Tenderer along with the Pre-Qualification Bid will be forfeited and legal procedures by the University and the cost of the damage should be claimed from the Tenderer.

7. LANGUAGE OF TWO COVER TENDER SYSTEM

Tenders shall be offered in the prescribed forms in ENGLISH Language only.

8. VALIDITY OF BID

The Bids shall be valid for a period of 60 days (Sixty days) from the date of opening.

9. SUBMISSION OF BIDS

- a. Tenders should be submitted only through Post (or) in person in the Tender Box placed at the Registrar, Tamil University, Thanjavur – 613 010.
- b. A two stage bidding procedure will be followed. Cover-1 shall contain the EMD, Pre-Qualification Bid, Signed Tender Conditions and Bidding document. The Cover-2 shall contain only the Financial Bid i.e., the cost of the components as in the Schedule C.

10. OPENING OF TENDERS.

The Cover-1 containing the original copy of the EMD, Pre-Qualification Bid and Tender Conditions and Bidding document will be opened by The Registrar, Tamil University, Thanjavur at 15.30 Hours on 11.9.2017 itself, in the presence of the Tenderers (or) their Authorized Representatives, who choose to be present. The Pre-Qualification Bids of the Tenderers will be evaluated. The Financial Bids i.e., Cover-2 of the Tenderers will be opened only for the Tenderers, who have cleared Pre-Qualification criteria. The date and time of opening of the Financial Bids will be informed to the qualifying Tenderers, in the Pre-Qualification bids.

11. PAYMENT, SEHEDULE

S.No	Milestone	Payment
1.	Supply, installation and commissioning of server with net work accessories	100% after Supply, installation and commissioning of server with net work accessories

12. NEGOTIATION

If it is felt that the price quoted by the lowest Tenderer is exorbitantly high with reference to the prevailing market rate, negotiation of rates will be made with the lowest Tenderer, for reducing the quoted rates to the reasonable levels. If the tender contains unbalanced items/rates the lowest tenderer must be prepared to furnish the detailed cost break up and other clarifications to the proposals submitted by them, as may be required to adjudge the reasonableness of their price proposals.

13. LIQUIDATED DAMAGES

Liquidated damages will be imposed on the contractor for the lapses/short fall in achieving the rate of progress as per existing schedule.

14. LEGAL JURISDICTION:

Jurisdiction of all legal proceedings, if necessary, relating to the above tender shall be the appropriate court in Thanjavur only.

15. ARBITRATION

Any fact or condition, which may not have been mentioned in Terms & Conditions and may arise after issuing work order, shall be decided as per the State Government policy/rules. In case rules/policies do not provide such situation, the issue will be referred for arbitration. Arbitration for any such dispute shall be conducted in accordance with the provisions of Arbitration and Conciliation Act 1996 or any statutory modification or re-enactment thereof.

16. WHOM TO CONTACT

For any clarifications regarding tendering, the bidders shall contact the Registrar at the following address.

The Registrar,
Tamil University
Thanjavur – 613 010.
Telephone: 04362-226720
Email: registrar@tamiluniversitv.ac.in/
tamilunivreg@gmail.com

Dated Signature of applicant with Seal

17. INFORMATION AND INSTURCTIONS

17.1 FOR SPECIAL ATTENTION

Bids are invited in accordance with Tamil Nadu Transparency in Tenders Act, 1998 & Tamil Nadu Transparency in Tenders Rules, 2000.

17.2 PRE-QUALIFICATION CRITERIA

The bidding tenderer should be and IT based company registered under Indian Compay's and in existence for more than three years and should comply with the following eligibility criteria:

- i. Should have TIN/VAT registration issued by Commercial Department, Government of Tamil Nadu.
- ii. Should be an Income Tax Assessee with PAN Card.
- iii. Should have supplied, installation and commissioning of server with network accessories to any State University in Tamil Nadu.
- iv. Should be ready to provide a satisfactory demonstration of the actual working of the Sever with network accessories to the Tamil University staff.
- v. Should be an ISO 9001-2008 or latest version certified company for IT, ITES, Software Development, Website Development and supply, installation of Commissioning of Server with network accessories. The Certificate must be valid on the date of opening of tender.
- vi. Authorization letter from Principals/Appropriate authority of Manufacturer should be produced without OEM letter the bidder will be rejected.
- vii. The bidder should have valid Tamil Nadu VAT registration and copy of VAT registration must be enclosed along with the tender.

DOCUMENTS TO BE PRODUCED

Copy of the work order and the issued by the concerned Government Department / Agency.

2. The bidder should have got their Firm registered with either Service Tax Directorate (or) with the Commercial Taxes Department or any other Government Department.

DOCUMENTS TO BE PRODUCED

- a) Copy of the Service Tax Registration Certificate issued by the competent authority.
- b) Copy of the Certificate of Registration with the Tax Payer Identification Number (TIN) issued by the competent authority.

3. The bidder should have recorded an average annual turnover of Rs. 1.00 crore per year during the last three (3) financial years (2014-15, 2015-16 & 2016-2017).

DOCUMENTS TO BE PRODUCED

Copy of the Audited Balance sheet with associated documents duly certified by a Chartered Accountant.

4. The bidders should have not been Black listed by any Government Agency in the past years for the reasons whatsoever.

DOCUMENTS TO BE PRODUCED

A self-declaration in form of an undertaking to the effect that they have not been Blacklisted by any Government Department to be given in Rs.20/- valued India Non – Judicial stamp paper duly notarized.

18. METHODS OF TENDERING

- i. If the Qualification Application is made by an individual, it should be signed by the individual with his full name and his current address.
- ii. If the Qualification Application is made by a sole Proprietary Firm, it shall be signed by the Proprietor along with his full name and full name of the Firm with its current address. Document with regard to Registration as FIRM by the Registrar of Firms should be produced.
- iii. If the Qualification Application is made by a FIRM in partnership, it shall be signed by all the partners of the Firm with their full names and current address or by a PARTNER authorized by the Firm (either as per Articles of the Deed of Partnership or by Power of Attorney) for signing in Tenders, Agreements etc., In which case, certified copy of the Registered Deed of Partnership along with the current address of all the partners and a certified Photocopy of the Registered Power of Attorney issued in favour of the Signatory, should be produced.

- iv. If the Qualification Application is made by a "Limited Company" it shall be signed by a duly authorized person holding the power of attorney for signing the application, in which case, the certified copy of the power of attorney shall accompany the application. Such limited company or Corporation shall also furnish satisfactory evidence of its existence along with the Pre-Qualification Application.
- v. Qualification application from joint ventures is not acceptable.
- vi. All the Signatures in the Pre-Qualification Bid Application and all the Signatures in the Documents produced **shall be dated.**
- vii. All the originals of the documentary evidences produced shall be produced, if asked for, for verification at the time of opening of **Pre-Qualification tender** or subsequently.
- viii. Any clarification on the documents submitted by the bidders may be called for by the Commercial Taxes Department.

19. CAPABILITY OF APPLICANT

The Applicant shall include with the Pre-Qualification Application, details in the prescribed Performa vide Schedule 'A' and 'B'.

- (i) Schedule – 'A' - Affidavit
- (ii) Schedule – 'B' - Self-Declaration on –Black Listing Certificate
- (iii) Schedule – 'C' - Commercial Quote

20. OPENING OF BIDS

- i. Bids received in sealed cover up to 15.00 hours on 11 .9.2017 will be opened on the same day at 15.30 hours by the Registrar, Tamil University, Thanjavur in the presence of the Applicants or their authorized representative.
- ii. The Pre-Qualification bid and Financial Bid received belatedly on account of any reasons whatsoever, will not be opened or considered and will be returned unopened to the applicant.
- iii. Telegraphic Applications will not be entertained.
- iv. The date of opening of Financial Bid will be notified to the qualified applicants after evaluation of Pre-Qualification Bid well in advance.

SCHEDULE "A"

AFFIDAVIT

(To be furnished in Twenty Rupees Non – Judicial Stamp paper duly certified by Notary public)

- 1) I/WE the undersigned solemnly declare that all the statements made in the documents records etc., attached with this application are true and correct to the best of my knowledge.
- 2) I/WE, the undersigned do hereby certify that neither our firm/company nor any of its constituent partners have abandoned any work / works of similar nature and magnitude in India, during the last "FIVE" years.
- 3) I/WE, the undersigned do hereby certify that any of the contracts awarded to me / us has not been terminated rescinded, due to breach of contract on my / our part, during the last "FIVE" years.
- 4) I/WE, the undersigned authorize and request any bank / person/ firm/ Corporation / Government departments to furnish pertinent information deemed necessary and requested by the Registrar, Tamil University, Thanjavur to verify the statements made by me / us or to assess my / our competence and general reputation.
- 5) I/WE, the undersigned, understands that further qualifying information / clarification on the statements made by me / us may be requested and agrees to furnish such information / clarification within "**Five Working days**" days from the date of receipt of such request from the
The Registrar, Tamil University, Thanjavur -10.

Dated Signature of Applicant with Seal.

(To be signed by the officer authorized by the Firm
Company to sign on behalf of the Firm/Company
with Company's Seal)

Note: In case of sole proprietary concern, affidavit should be signed only by the sole Proprietor.

(Title of the Firm/Company)

(Date)

The above named deponent has understood the contents well and solemnly and sincerely declared and affirmed by the deponent in my presence at and signed before me on this day of

(Seal)

(Signature of the Notary public)

SCHEDULE "B"

Self - Declaration on Black Listing Certificate.



TAMIL UNIVERSITY, THANJAVUR

Tender Document

For

Supply, Installation and Commissioning of
Firewall & WiFi Network Accessories

SCHEDULE “C”

Name of Work : **Supply, Installation and Commissioning of Firewall & Wifi Network Accessories at Tamil University, Thanjavur**

Technical Schedule

Sl. No	Name of the item	Unit	Qty
1	Unified Threat Management Appliance Firewall with 3 years support	No	1
2	Layer 2 network Switch	No.	1
3	WiFi Access Points	Nos	12
4	24 Ports PoE switch with SFP slots	Nos	5
5	Supply and laying of UTP CAT6 cable with conduit	Mtrs	1200
6	6U Rack with standard Accessories	Nos	5
7	24 Port Patch panel fully loaded	Nos	5
8	Cat 6 IO with Faceplate and back box	Nos	12
9	Installation Charges of UTP CAT6 cable with conduit, installation of firewall, Switches, IO termination charges, Rack fixing charges, patch panel termination charges, etc.		

Technical Specification

Sl. No	Name of the item with specifications	Compliance	Remarks
1	Unified Threat Management Appliance Firewall with 3 years support		
	Proposed appliance should support for On appliance reporting for logs and reports		
	The Firewall should be ICSA Labs certified and EAL4+ certified for appliance		
	Proposed appliance should have firmware residing on Flash		
	Proposed solution should comply with FCC and CE norms		
	Dedicated Support center in India.		
	The proposed solution should match the following criteria.		
	a. Must have a 64-bit hardware platform		
	b. Must be based on Multicore Parallel Processing Architecture		
	c. 10 x 10/100/1000 copper interfaces supporting Hardware Bypass		

d. 3,200,000 concurrent connections		
e. 100,000 New Sessions per second		
f. 12 Gbps Firewall throughput		
g. 4 Gbps IPS throughput		
h. 1.7 Gbps UTM throughput		
i. 2.6 Gbps AV throughput		
j. 500 Mbps SSL VPN throughput		
k. 1,300 Mbps IPSec VPN throughput with support for 5000 IPSec VPN Tunnels		
l. 4GB of Flash.		
The proposed solution should support unrestricted user/node license.		
Web Filtering Solution		
The proposed solution should have a local database integrated into the system to avoid frequently querying a database hosted elsewhere.		
The proposed solution must be able to work as a Standalone HTTP proxy.		
The proposed solution must have a database containing 140 Million+ URLs categorized into 80+ web categories.		
The proposed solution must have the following features inbuilt		
a. Should be able to block HTTPS based URLs		
b. Should be able to block URL based on regular expression		
c. Should support exclusion list based on regular expression		
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 Akamai.		
g. Should be able to identify and block requests coming from behind a proxy server on the basis of username and IP address.		
h. Should be able to identify and block URL translation request.		
The proposed solution should support application control blocking features as follows		
a. Should be able to block known Chat applications like Yahoo, MSN, AOL, Google, Rediff, Jabber etc.		
b. Should support blocking of File transfer on known Chat applications and FTP protocol.		

c. The proposed solution must block HTTP or HTTPS based anonymous proxy requests.		
d. The proposed solution should allow customization of Access Denied message for each category.		
The proposed solution should support creation of cyclic policies on Daily/Weekly/Monthly/Yearly basis for Internet access on individual users/group of users.		
The proposed solution should support creation of Internet access time policies for individual users or user group.		
The proposed solution should have integrated bandwidth management capability.		
Intrusion Prevention System		
The proposed solution should have signature-based and protocol-anomaly-based Intrusion Prevention System.		
The proposed solution should have 4000+ signatures in its database.		
The proposed solution must support creation of custom IPS signatures.		
The proposed solution must support creation of multiple IPS policies for different zones instead of a single blanket policy at interface level.		
The proposed solution must allow disabling/enabling of IPS categories/signatures to reduce packet latency.		
The proposed solution should display username along with the IPs in IPS alerts and reports.		
The proposed solution should update automatically by synchronizing with an update server.		
The proposed solution should generate alerts in case of attacks.		
Logging and Reporting		
The proposed solution must support Four Eye (4-Eye) authentication to comply with Internet Privacy laws		
The proposed solution must have On-Appliance, integrated reporting solution.		
The proposed solution should be able to be integrated with iView reporting solution.		
The proposed solution should support minimum 1000+ drill down reports.		
The proposed solution should allow exporting of reports in PDF and Excel format.		
Wireless Controller		

	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 IEEE 802.1X (RADIUS authentication), Wireless repeating and bridging meshed network mode with supported APs.		
2	Layer 2 network Switch		
	Specifications:		
	28-Port Gigabit Stackable Smart Managed Switch including 2 10G		
	SFP+ and 2 SFP ports		
	10G SFP+ Stacking/Uplink Ports		
	Layer 3 Traffic Management		
	Extensive Layer 2 Features		
	Switching Capacity minimum 92 Gbps		
	Traffic Classification & QoS		
	Full/half duplex for 10/100 Mbps and Gigabit speed		
	MAC Address Table minimum of 16,000 entries per device		
	Packet Forwarding Rate 68.45 Mpps		
	Packet Buffer Memory 1.5 MB per device		
	Auto Surveillance VLAN		
	ERPS Technology		
	Should support MDI/MIDX		
	IPv6 Ready		
3	Access points		
	Both Firewall and Access points are from same OEM for the centralized management and security.		
	Should support IEEE 802.11 a/b/g/n/ac Enterprise dual band Indoor Ceiling Access Point		
	Should support wireless standard IEEE 802.11b/g/n/ac: 2.4 GHz & 5 GHz		
	Should support maximum throughput of IEEE 802.11 ac - 800 Mbps and IEEE 802.11 b/g/n - 300 Mbps		
	Should support 2x2 MIMO		
	Should support at least 15 SSIDs		
	Should have One Gigabit POE Ethernet port		
	Should support maximum 4 internal antenna		
	Should support 360° - Omni direction		
	Should support 802.3at injector or Powered Ethernet switch		
	Support maximum power consumption at Max 20 Watts		
	The Access Point shall support controller based for centralized management.		
	Should be CB, CE, FCC, UL certified		

4	24 port POE Switch		
	24 Ports 10/100/1000 Mbps PoE with 4 SFP		
	Switching Capacity minimum 56 Gbps		
	VLAN support of minimum 256 groups		
	Features support QoS, Spanning Tree Protocol, Link Aggregation, IGMP Snooping, SNMP		
	PoE support of 185Watts		
	Built in PSU with fans		
	Web based GUI and Command Line Interface support		
	Should support 802.3af/802.3at		
5	Supply and laying of UTP CAT6 cable with conduit		
6	6 U rack with standard accessories		

Commercial Quote

Sl.No	Name of the item	Unit	Qty	Price Before Tax	Price After Tax
1	Unified Threat Management Appliance Firewall with 3 years support	No	1		
2	Layer 2 network Switch	No	1		
3	WiFi Access Points	Nos	12		
4	24 Ports PoE switch with SFP slots	Nos	5		
5	Supply and laying of UTP CAT6 cable with conduit	Mtrs	1200		
6	6U Rack with standard Accessories	Nos	5		
7	24 Port Patch panel fully loaded	Nos	5		
8	Cat 6 IO with Faceplate and back box	Nos	12		
9	Installation Charges of UTP CAT6 cable with conduit, installation of firewall, Switches, IO termination charges, Rack fixing charges, patch panel termination charges, etc.		L.S		
				Total	

Note : (1) If there is any correction it should be counter signed.

(2) Rate Should be quoted in figures and words

Signature of the Bidder