



GOVT. OF ASSAM
OFFICE OF THE PRINCIPAL ::: ASSAM TEXTILE INSTITUTE
AMBARI, GUWAHATI-781001
☎(0361) 2544116, email: atiguwahati@gmail.com

TENDER DOCUMENTS FOR SUPPLY AND INSTALLATION OF
SERVER UTM, ON-LINE UPS AT ASSAM TEXTILE INSTITUTE,
AMBARI, GUWAHATI-1

Tender Notice No. NEQUIP/TENDER/2016/316

Dated:31/03/2016

Ram Das

Price: 500/-

TENDER DOCUMENT

TENDER NOTICE NO.	NEQUIP/TENDER/2016/
LAST DATE & TIME FOR RECEIPT OF TENDER	18th April, 2016 at 01.00 pm.
DATE & TIME OF OPENING	18th April, 2015 at 02.00 pm.
NAME AND ADDRESS OF THE TENDERER	Assam Textile Institute, Ambari, Assam
FAX	XXXXXX

TENDER PURCHASE DETAILS:

Tender Documents can be obtained by downloading from our official website <http://assamtextileinstitute.org> .The cost of tender document amounting to Rs. 500/ only (Non-Refundable) should be submitted by means of demand draft only along with the tender document.

The demand draft must be in favour of the Principal, Assam Textile Institute, Guwahati and payable at Bank of Baroda, Ambari (code 012) A/c No. 39010100001081

Demand Draft No. _____ Dated _____.

EARNEST MONEY DETAILS (EMD): @2% of total cost value

The Demand Draft pertaining to Earnest Money should be submitted along with the Tender Document. The demand draft must be in favour of the Principal, Assam Textile Institute, Guwahati and payable at Bank of Baroda, Ambari (code 012) A/c No. 39010100001081

Demand Draft No. _____ Dated _____.

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SECTION I

INVITATION FOR BIDS

1. Assam Textile Institute (ATI) invites sealed bids from eligible bidders for Supply of equipments for Textile Campus at ATI, Ambari, Guwahati-781001
2. Interested and eligible Bidders may obtain further information, if required, from the office of The Principal , Assam Textile Institute, Ambari, Guwahati-781001
3. The bidding document may be obtained by downloading it from <http://assamtextileinstitute.org>
4. The technical bid along with bidder's information should be submitted in the tabular form as per **Section - VII Deviations shall be submitted as enclosures point wise.**
5. The price bid should be submitted in the tabular form as per **Section - VII.**
6. In the event of the date specified for bid receipt and opening being declared as a Holiday for purchaser's office, the due date for submission of bids and opening of bids will be the following working day at the appointed times.

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The details of the tender are as under:

Sl. No.	Items	Description
1.	Scope of Work	Supply, Installation & Commissioning of Equipments Server and on-line UPS at ATI, Ambari
2.	Cost of tender document	500/- for each category
3.	Last date& time of submission of bid	18th April, 2016 upto 1:00 PM
4.	Date& time of opening of technical bid	18th April, 2016 at 2:00 PM
5.	Date & time of opening of commercial bid	To be Notified after completion of technical bid evaluation.
6.	EMD	@2% of Total Cost Value
7.	Place of opening of bids	Assam Textile Institute Ambari, Assam-781001
8.	Address for communication	Principal Assam Textile Institute Ambari, Assam-781001

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Name and Signature of the Authorized signatory.

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SECTION II

INSTRUCTIONS TO BIDDERS

1. The Bidders shall give detailed tender in their own forms in two Bids in separate duly sealed envelopes. The envelopes shall bear the following inscriptions:

(a) "Part - I Technical Bid-Tender for Supply, Installation & Commissioning of Equipments of Server and on-line UPS at ATI, Ambari

(b) "Part - II Financial Bid- Tender for Supply, Installation & Commissioning of Equipments of Server and on-line UPS at ATI, Ambari

After placing both envelopes inside another envelop, the bid envelop shall be super scribed with Tender Subject, Tender notice No. and Due Date otherwise the bid will be rejected.

(c) Bids shall be valid for a minimum period of 120 days after the due date.

(d) Maximum Project duration from the date of issue of work order must be within 2 months

(e) The Bids must reach the undersigned on or before the due date, i.e. Bids received after the due date and time is liable to be rejected. The Institute will not be responsible for any postal delays. However, in the event of due date being a holiday or declared Holiday for Assam Textile Institute, the due date for submission of the bids will be the following working day at the appointed time & venue.

(f) Bids submitted by FAX/EMAILS will not be considered at all. Such tenders will be rejected without any notice to the bidder.

(g) Bids (Technical Bids) received will be opened on the same day. Parties participating in the bid are requested to be available for opening of bids.

(h) The College will preferably deal only with Companies/Firms who have their service centre/support infrastructure located for in Guwahati.

(i) The quotations shall include all specifications as detailed in the tender. Silence in any of the specifications will be interpreted as non-conformity with purchaser's requirement. Tender enquiry may make this point clear to avoid further correspondence seeking clarification.

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- (j) The rates quoted should indicate clearly all applicable taxes and should be in INR
- (k) If required, bidders will be invited to give a presentation/demonstration in ATI on the proposed solution. However, concerned vendor will have to bear his/her own cost of travel to ATI.
- (l) The tender is liable to be ignored if complete information is not given therein or if the particulars and date (if any) asked for in the terms and conditions are not mentioned.
- (m) All the pages of the bid should be signed along with company's seal.
- (n) Evaluation Criteria: - Evaluation will be based on the Technical Proposal. Price Bid will be opened for only those bidder who is technically qualified
- (o) The Institute authority reserves the right to reject any or whole quotations without assigning any reasons thereof and does not bind itself to accept the lowest quotations whatsoever.
- (p) That in case of any disputes between concerned parties under the contract dispute shall be settled through amicable resolutions and if not then only courts of Guwahati will have exclusive jurisdiction to try and entertain suits between the parties under the Contract.

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SECTION III TERMS AND CONDITIONS

1. Successful bidders shall be required to deposit an amount of 5% of the order value towards Performance Security Deposit in the form of Bank guarantee from any nationalized bank as performance guarantee.
2. The E.M.D. of the successful tender will only be released, when the successful bidder deposits the Security Deposit as mentioned in No1. Of Terms and Conditions.
3. Interest will not be paid either on E.M.D. or Security Deposit in any case for any period whatsoever.
4. Rates should be valid for a period of 120 days from the date of the opening of the price bid and that the institute may give orders or repeat orders during this period.
5. The Institute Authority reserves the right to only procure some items at a time.
6. Payment will be made 100% after successful Installation to be certified by Institute Authority.
7. Bidders shall respond to Technical Specifications in the prescribed format only as mentioned in **Section – VI** of Tender Document.
8. Bidders shall quote for price/commercial bid in the prescribed format only as mentioned in **Section – VII** of Tender Document.
9. The terms and conditions of the tender are binding.

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SECTION IV

DETAILS OF BIDDER

Sl. No.	Required Details	
1	Name of the Bidder	
2	Address of the Bidder	
3	Contact No.	
4	Fax No.	
5	Mobile No.	
6	Email	
7	Name of Authorized Signatory	
8	Sales Tax /CST No.	
9	Income Tax No. /PAN/ GIR No.	
10	Year of Establishment	
11	Name and address of Banker	
12	EMD Details DD No and date: Amount: ` Name of the Bank:	
15	Tender Document Purchase Details DD No and date: Amount : ` Name of the Bank:	

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Signature of the Tenderer
With stamp and date

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SECTION V

ELIGIBILITY CRITERIA FOR PARTICIPATING IN THE TENDER (Valid & Up to date Documentary Evidence to be enclosed point wise)

1. The Bidder must have been in the respective business field for at least 1 financial year. Copy of Trade License, PAN Card & Sales Tax Registration should also be submitted along with the offer.
2. The registration number of the bidder along with the CST Number & TIN Number allotted by the Sales Tax Authorities must be given in the tender bid.
3. Proposed solution should be vetted by the OEM (where necessary) with assurance for minimum one year support on the quoted product and model.
4. The Bidder should be an ISO 9001: 2008 certified company in services (where necessary).
5. The bidder has the capability of supplying, installation and / or implementing training program in any Central/State Government Institution/colleges/universities. Documentary evidences like Purchase order in support of the same needs to be enclosed (for equipment).
6. The Data sheets and technical documents submitted should be available on the global websites of the respective product manufacturer and the URL links to the respective documentation should be provided in the compliance statement. Any document which is not available on the Global website of the OEM would be treated as invalid document submitted and noncompliance against the technical specification asked in the tender.
7. OEM's authorizing multiple bidders for the tender should ensure all the authorized bidders quote 100% compliant BOM and the BOM should be same with the same part codes with all the Authorized bidders (where applicable).

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SECTION VI
Product Technical Specification

Item No: 1 Technical Specifications of Server (Branded)

1 no

Processor	1 x Intel® Xeon® Processor E5-2623 v3 3GHz/4 Core, 6.4GT/s, No Turbo, 80W
Processor Sockets	Two
Chipset	Latest Generation Server Class Mother Board on associated chipset supporting the above processor(Intel C 600/610). Same OEM make as Processor.
Internal HDD Controller	8-port, internal 6GB/s PCIe RAID controller supporting RAID 1, 0, 5
DIMMs	At least 12 DIMMS supporting ECC DDR4 32 GB RAM-up to 1600 MHz RDIMMS
Memory	4* 4GB RAM DDR-3 ECC RDIMM RAM Upgradable upto 512 GB.
HDD Drives	2x 500 GB Non H/S 7.2 KRPL SATA Hard Disk Drives
HDD Bays	up to 16 hot-plugs drive bays
HDD Types Supported	SATA/NL-SAS, SAS and SED
Graphics	Integrated Graphics subsystem with at least 16MB Video Memory
Server Management	Dedicated system Management Processor/controller IPMI 2.0 to manage Health of server along with OEM management software. LEDs for power on, System Health, HDD activity, Diagnostics (with error codes) etc
Remote Management	Integrated remote management controller with a dedicated 10/100/1000 Gbps port with optional virtual media upgrade upto 16GB
I/O Slots and ports	Up to 6 PCI slots, 6USB 2.0 Port, 1 Serial port, 1 Keyboard, 1 mouse port.
Network Controller	Integrated 10/100/1000BASE-T Ethernet Dual port controller
Power Supply	Platinum efficiency, hot-plug, redundant power supplies-at least 700 Watts
Form factor	Tower
Monitor	18.5" LED Color Monitor (same OEM make/brand as system)
Mouse	2 Button USB Optical Scroll Mouse (same OEM make /brand as system)
Keyboard	104 Keys USB Keyboard (same OEM make/brand as system) with key skin
Operating System support	Microsoft Windows server 2012 , Red Hat supported Enterprise Linux,SUSE Linux Enterprise Server, VMware vSphere Hypervisor, Citrix Xenserver
Optical Drive	DVD RW Drive 16X or higher
Cable & Accessories	All required Power cables and required accessories are to be provided by the supplier.
Warranty	3 Years comprehensive onsite warranty for all components by server OEM
Industry standard Compliance & Certifications	ACPI, IPMI, SMBIOS, PMBUS, UEFI, ISO 9001 and 14001 certification.
Installation	By the Supplier

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Item No: 2 TECHNICAL SPECIFICATIONS FOR 1 KVA ON-LINE UPS WITH 03 HOURS BACK-UP

= 1 no

Parameter	Required Specifications
Rating	1 KVA / 800 Watts
Input AC Parameters	
Input Voltage	160 - 300V
Frequency	50 Hz; Tolerance (45-55) Hz
Input power factor	> 0.98
Surge Protection Device (Inbuilt)	UPS shall have 1 Phase, Type 2 surge arrester (40kA) according to EN 61643-11. It should provide Lightning Protection through equipotential bonding and eliminate transient overvoltage, originating during atmospheric discharges or switching processes. (Datasheet of SPD should be provided)
Isolation Transformer (Inbuilt)	UPS should be fully isolated by double conversion and inbuilt isolation transformer within the UPS cabinet itself. External transformer shall not be considered.
Output AC Parameters	
Rated apparent/active power	1000 VA / 800W
Output Voltage	220/230 V AC
Frequency	50 +/- 0.5 Hz
Waveform	True Sine Wave
Over load	110% for 30 seconds, 125% for 1 second
Output Power Factor	0.8
Indication & Controls	
LED Indication/ Display Level Indications	LED mimic diagram + LCD Display with measurements (Input / Output / Bypass V & Hz, Battery V & capacity level indicator, Load % & level Indicator)
Audio Alarm operation	Suitable Alarms for Battery Operation / Overload
Communication Ports	1 x Intelligent-Slot (SNMP), 1 x RS232 Serial Port.
Back-up Time & Battery Bank Details (VAH Rating)	12V, VRLA Sealed lead-acid Maintenance Free batteries for providing necessary back-up of 180 minutes (2500 VAH) Battery Make: EXIDE/QUANTA/UPLUS
Environmental	
Operating Temperature:	0 Degree C to 40 Degree C
Relative humidity	0% to 95%, non-condensing
Audible Noise	<50 dB
Certification	
Quality System	ISO 9001, ISO14001, OHSAS 18001
Markings	CE
Safety	IEC 62040-1
EMC	IEC 62040-2
Environmental	RoHS

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Item No: 3 Technical Specifications of Unified Threat Management for 70 Users

Item No.	Name of Item or Related Service	Technical Specification and Standards
1	Support and Warranty	Standard warranty, should be mentioned, Should have local presales and sales support.
2	General Features	<ul style="list-style-type: none"> ❖ UTM Appliance Throughput <ul style="list-style-type: none"> • Minimum 6,200 Mbps Firewall Throughput • Minimum 1200 Mbps of Antivirus Enabled • Minimum 750 Mbps IPsec VPN Throughput • Minimum 10,00,000 Concurrent sessions • Minimum 1500 Mbps IPS throughput • Minimum 40,000 New Sessions/second • Unlimited Authenticated Users/Nodes ❖ 8 nos. of 10/100/1000 Ethernet UTP ports <ul style="list-style-type: none"> • Identity based Firewall • Intrusion Prevention System • Gateway Anti-virus • Gateway Anti-spam • Web Content & Application Filtering • Bandwidth Management • Inbuilt-on Appliance Reporting • Network: OSPF, Round Robin load balance, RIPv2, BGP, equal & unequal cost load balance, • High Availability(Active-Active, Active-Passive), • QoS, etc, Round Robin Balance. • Support for user authentication over SMS. • Country Based Blocking, FQDN support and should support MIX mode deployment.
3	Security Features	<ul style="list-style-type: none"> • Gateway Antivirus, Anti-Spyware and Anti Spam: Checkmark Certified. Virus, Worm, Trojan Detection and Removal, Automatic Virus signature database update, Real-Time blacklist, MIME header check, 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. • Web and Application Filtering: Checkmark Certified.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

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		<p>of 80 categories with more than 40 million URLs supported with more than 5000 application support.</p> <ul style="list-style-type: none"> • Intrusion Prevention System (IPS):Checkmark Certified. For different attacks like Mail Attack, FTP Attack, HTTP Attack, DNS Attack, ICPM Attack, TCP/IP Attack, DOS and DDOS Attack, TelNet Attack. Signatures: Default (3000+), Custom , IPS Policies: Multiple, Custom, User-based policy creation, Automatic real-time updates from CR Protect networks, Protocol Anomaly Detection • VPN: IPSec, L2TP, PPTP and SSL as a part of Basic Appliance, VPN redundancy, Hub and Spoke support, 3DES, DES, AES, Twofish, Blowfish, Serpent Encryption, MD5,SHA1 Hash algorithms, IPSec NAT Transversal, VPNC Certified. • Load Balance: For Automated Failover/Failback, Multi-WAN failover, WRR based Load Balancing. High availability: Active-Active. QoS, OSPF, RIPv2, BGP. Link Aggregation, 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 reports for Centralized management, Monitoring & Logging, Command line interface. Monitoring Gateways, 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 1000+ drilled down reports on the appliance. Minimum 200 GB Hard Disk Drive for logs and reporting.
4	License for UTM (Unified Threat Management)	Three Years for Gate Way Antivirus, spyware, web/URL Filtering, content and application filtering. IPS, License period will be counted after activation. 24x7 support. 3yrs warranty.

