



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

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TENDER DOCUMENTS FOR SUPPLY, INSTALLATION, TESTING  
& COMMISSIONING OF SERVER, UPS AND NETWORKING  
ITEMS FOR LIBRARY. AT ASSAM TEXTILE INSTITUTE,  
AMBARI, GUWAHATI-1

Tender Notice No. NEQIP/TENDER/2016/ 563

Date: 01/09/2017

*R. Das*

**TENDER DOCUMENT**

**TENDER NOTICE NO.**

**NEQIP/TENDER/2016/563**

**LAST DATE & TIME FOR RECEIPT OF TENDER**

**11<sup>th</sup> September, 2017 at 01.00 pm.**

**DATE & TIME OF OPENING**

**11<sup>th</sup> September, 2017 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 \_\_\_\_\_.

**TENDER DOCUMENT**

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## TENDER DOCUMENT

### SECTION I

#### INVITATION FOR BIDS

1. Assam Textile Institute (ATI) invites sealed bids from eligible bidders for Supply, installation, testing & commissioning of Server, UPS and Networking items for Library 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 - VI 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.

## TENDER DOCUMENT

The details of the tender are as under:

Sl. No.	Items	Description
1.	Scope of Work	Supply, Installation, testing & Commissioning of Server, On-line UPS & Networking items for library at ATI, Ambari
2.	Cost of tender document	<b>500/- for each category</b>
3.	Last date& time of submission of bid	<b>11<sup>th</sup> September,2017 upto 1:00 PM</b>
4.	Date& time of opening of technical bid	<b>11<sup>th</sup> September,2017 at 2:00 PM</b>
5.	Date & time of opening of commercial bid	<b>To be Notified after completion of technical bid evaluation.</b>
6.	EMD	<b>@2% of Total Cost Value</b>
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.**

## TENDER DOCUMENT

### 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, testing & Commissioning of Server, UPS & Networking items for Library at ATI, Ambari

(b) “Part - II Financial Bid- Tender for Supply, Installation, testing & Commissioning of Server, UPS & Networking items for Library Lab 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 center/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.

(j) The rates quoted should indicate clearly all applicable taxes and should be in INR

## **TENDER DOCUMENT**

- (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.

## TENDER DOCUMENT

### **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.



**TENDER DOCUMENT**

**SECTION IV**

**DETAILS OF BIDDER**

<b>Sl. No.</b>	<b>Required Details</b>	
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	GST 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:	

.....  
**Signature of the Tenderer**  
**With stamp and date**

## TENDER DOCUMENT

### 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 GST 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).

**TENDER DOCUMENT**

**SECTION VI**  
**Product Technical Specification**

• **SERVER FOR LIBRARY**

CATEGORY	TECHNICAL SPECIFICATION FOR Server	Brand	Quantity
PROCESSOR	Intel Xeon E3-1225 v5 (Quad Core)	HP/Lenovo	1 Set
GHz	3.3GHz		
MEMORY	1x 8GB		
MEMORY SPEED	2133 MHz		
HARD DRIVE	1x1 TB SATA 7200 RPM 3.5" NHS SATA		
RAID	RAID 0,1,5 in built (RAID 121i)		
OPTICAL	MultiBurner		
MANAGEMENT	Intel AMT		
Additional Management Tools##	XClarity Administrator		
Display	19.5" LED		
WARRANTY	Minimum 3 Years Onsite warranty		

• **3 KVA (1PH INPUT - 1 PH OUTPUT) ONLINE UPS SYSTEM FOR LIBRARY**

Description	Technical Specification	Brand	Quantity
Capacity (in kVA / kW)	3.0 kVA/2.4 kW Single Phase Input / Single Phase Output	NUMERIC BRAND	1 Set with all accessories
Technology and Capability	a) True Online configuration with double conversion UPS with Micro Control Based  b) UPS should be designed at Rated PF of 0.8 Minimum i.e. 3 kVA / 2.4 kW UPS rating		
(1Ph Input & 1Ph Output)	(Isolation transformer should be provided on the input side of the UPS systems), Input Voltage range should be minimum 160-300 V AC		
Input facility - Phases / Wires	1-Phase / 2-Wire & Gnd (Phase & Neutral + Ground)		
Input Voltage Range	230V 160 - 300V AC (On 100% Load)		
	160 - 300V AC (On 100% Load)		
	110 -300 VAC (On 50% Load condition)		
Input Power Factor	0.99 on Full Load		
Input Current Harmonic Distortion (THDi)	< 10%		
Generator Compatibility	Compatibility to genset supply required		

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<b>Output</b>			
Nominal Output voltage	230 V		
Output Voltage Regulation	±1%		
Nominal Output Frequency	50Hz ± 0.1 Hz		
Output Frequency Regulation	47.5 to 52.5Hz		
Output Wave Form	Pure sine wave		
Output Voltage Distortion (THDv)	<2% Linear Load		
	<5% Non Linear Load		
Crest Factor	,3:1		
<b>Efficiency</b>			
<b>AC/AC (overall efficiency)</b>	Up to 92%		
(Double Conversion)			
Overload capacity			
105 - 110%	3 min		
111 - 130%	30 sec		
<b>Battery Backup</b>			
Backup Required	60-Minutes On full load		
Battery Bank Voltage	72-96V DC		
Battery Bank Van	<b>4032 VAH for 1 Hr. backup</b>		
Batteries Type (VRLA)	Sealed Maintenance Free (SMF) - 12V Cells		
Battery Makes	Amara Raja (Quanta make)		
	Exidepowersafe		
<b>Communication</b>			
RS232	Should be Available		
<b>Intelligent slot</b>	<b>Optional - SNMP</b>		
Operating temperature	0~40°C Continuous		
<b>Electrical</b>			
Input terminal	Input Breaker + Terminal		
Output terminal	Terminal		
<b>Features</b>			

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Converter mode	Should be Available		
Bypass parameters configurable	Should be Available		
Display	LED + LCD Display		
<b>Mechanical</b>			
Ingress protection	IP 20		
<b>Mandatory Requirement</b>			
Standards			
Safety	EN 62040-1		
EMI / EMC	EN 62040-2		
Performance	IEC 62040-3		
Certification	CE		
Certification	ISO 9001 : 2008		
OSHAS	BS OHSAS 18001:2007		
Warranty	Minimum 2 years on UPS & Batteries		

**• NETWORKING ITEMS SPECIFICATION FOR LIBRARY**

<b>16 Port Gigabyte Switch Specification</b>			
<b>CATEGORY</b>	<b>TECHNICAL SPECIFICATION FOR Switch</b>	<b>QNTY</b>	<b>Brand</b>
<b>Number of Ports</b>	16 Gigabit ports	<b>1</b>	<b>D-LINK</b>
<b>Switching Fabric</b>	32 Gbps switching fabric		
<b>Standards</b>	<ul style="list-style-type: none"> <li>• IEEE 802.3 10BASE-T Ethernet (twistedpair copper)</li> <li>• <i>ff</i>IEEE 802.3u 100BASE-TX Fast Ethernet (twisted-pair copper)</li> <li>• <i>ff</i>IEEE 802.3ab 1000BASE-T Gigabit Ethernet (twisted-pair copper)</li> <li>• <i>ff</i>ANSI/IEEE 802.3 NWay auto-negotiation</li> <li>• <i>ff</i> IEEE 802.3x Flow Control</li> <li>• <i>ff</i> IEEE 802.1p QoS (4 queues, strict mode)</li> <li>• <input type="checkbox"/> <i>ff</i> IEEE802.3az EEE</li> </ul>		
<b>Protocol</b>	CSMA/CD		
<b>Data Transfer Rates</b>	<ul style="list-style-type: none"> <li>• <i>ff</i> Ethernet: <ul style="list-style-type: none"> <li>○ <i>ff</i> 10 Mbps (half duplex)</li> <li>○ <i>ff</i> 20 Mbps (full duplex)</li> </ul> </li> <li>• <i>ff</i> Fast Ethernet: <ul style="list-style-type: none"> <li>○ <i>ff</i> 100 Mbps (half duplex)</li> <li>○ <i>ff</i>200 Mbps (full duplex)</li> </ul> </li> <li>• <i>ff</i>Gigabit Ethernet:</li> </ul>		

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	<ul style="list-style-type: none"> <li>○ <i>ff</i>2000 Mbps (full duplex)</li> </ul>		
<b>Media Interface Exchange</b>	Auto MDI/MDI-X adjustment for all ports		
<b>LED Indicators</b>	<ul style="list-style-type: none"> <li>• Per port: Link/Activity/Speed</li> <li>• <i>ff</i>Per device: Power</li> </ul>		
<b>Cat 6 Cable</b>	<b>Standard</b>	<b>1 Coil</b>	<b>REPUTED BRAND</b>
<b>6 U Rack</b>	<b>Standard</b>	<b>1 Set with all accessories</b>	<b>D-link/ Val rack</b>
<b>Installation</b>		<b>1 Job</b>	

