

**ASSAM ENGINEERING INSTITUTE
CHANDMARI, GUWAHATI
ASSAM -781003**

Tel:- 0361-2134633
E-mail:principal.aei@gmail.com
Website: aei.org.in

Ref. No. AEI/AICTE-NEQIP/2013-14/4097

Dated 08/09/2014

**NOTICE INVITING TENDER (NIT)
FOR SUPPLY & INSTALLATION OF MACHINES & EQUIPMENTS TO ASSAM
ENGINEERING INSTITUTE UNDER AICTE-TEQIP-NES PROGRAM
(LIST XIII-A)**

The Principal, Assam Engineering Institute invites quotation for supply & Installation of Machines & Equipments as per details at ANNEXURE-IV, in **Two Bids** to reach the undersigned on or before **26/09/2014**

Sl No.	Reference no.	Items	Qty	EMD (Rs.) in the form of DD (to be submitted with Technical Bid)	Tender Document Fee (Rs.) in the form of DD (to be submitted with Technical Bid)
01.	Ref. No. AEI/AICTE-NEQIP/2013-14/4097 Dated 08/09/2014	Supply & Installation of Machines & Equipments to be installed at Assam Engineering Institute, Chandmari, Guwahati, Assam	One Package	@2%	500.00

(1). Last date & Time for Submission: **26/09/2014 (14.00 HRS)**

(2). Date/Time for Opening of Tech. Bids: **26/09/2014 (14.30 HRS)**

After evaluation of technical bids, financial bids of the successful bidders will be opened on a later date which will be notified in the Institute website

Venue of Bid Opening: At Office of Assam Engineering Institute, Chandmari, Guwahati, Assam

BID INSTRUCTION:

01. Quotations will have to be submitted in TWO Bids. The address of the firm submitting the quotation and the Officer to whom the quotation is addressed must appear distinctly on sealed covers. Further, on sealed cover, the following are to be written:

**QUOTATION FOR SUPPLY & INSTALLATION OF MACHINES & EQUIPMENTS TO
ASSAM ENGINEERING INSTITUTE UNDER AICTE-TEQIP-NES PROGRAM
(LIST XIII-A). NIT REF NO., Dt.....**

02 Submission of Compliance Certificate: Duly filled and signed Compliance Certificates (as per formats at Annexure I(A & B) are must with the Technical bid.

03. Bid not transferable: The bid documents are not transferable and the seal and signature of the authorized official of the firm's must appear on all the papers and envelopes submitted.

QUALIFICATION REQUIREMENTS

1. The Bidder should be a firm of reputation having sufficient expertise and experience in the subject tender with sound warranty / service support capability and authorization from manufacturers.
2. The Bidder has to Quote for all the items in the NIT. Bidders who do not Quote for all the items are subject to be disqualified.
3. Sealed quotations must be affixed with court fee stamps of Rs. 8.25 (Rupees eight and paisa twenty five) only without which no quotation will be accepted.

NIT TERMS & CONDITIONS:

01. **Rates:** Rates quoted in the **Price Bid** should be **on DOOR DELIVERY at AEI, Guwahati basis**, as per details below:

Sl. No.	Particulars	Rate
I	Basic Price (per unit) with installation and commissioning	
	Total	
	Taxes (pl. give break up)	
	Grand Total for door delivery of the item at AEI Premises	

Bidders shall indicate their rates in clear/visible figures as well as in words and shall not alter/overwrite/make cutting in the quotation. In case of a mismatch, the rates written in words will prevail.

02. **Validity of Quotation:** Quoted rates must be valid for **90 days** from the date of quotation.
03. **Warranty:** The quoted equipment and components must be warranted for a minimum of one Year or period specified against the item.
04. **Literature a must:** All the quotations must be supported by the printed technical leaflet/literature and the specifications mentioned in the quotation must be reflected/ supported by such printed technical leaflet/literature. The model and specifications quoted should **invariably be highlighted** in the leaflet/literature for easy reference.
05. **After Sales Service:** Vendors should clearly state the available nearest after sales service facilities in the region, without which their offers will be rejected.
06. **Dealership Certificate:** Dealers or Agents quoting on behalf of Manufacturer must enclose valid dealership certificate.
07. **Earnest Money:**
Refundable earnest money deposit (EMD) @ 2% on Total Quoted Price through demand draft drawn in favour of "The Principal, Assam Engineering Institute", payable at Guwahati, will have to accompany the technical Bid. The EMD of unsuccessful bidders shall be returned after award of contract. EMD of the successful bidder will be released on submission of the Performance. Offers received without Earnest Money or valid Certificate shall be summarily rejected.

08. **Performance Bank Guarantee (PBG):** In case of items with order value of Rupees Five Lakhs (INR 5,00,000/-) and above, the successful bidder shall furnish an unconditional PBG (as per format at **Annexure II**) for 5% of the Purchase Order value from a scheduled Bank of India, after receiving the purchase order. Where the PBG is obtained by a foreign bank, it shall be got confirmed by a Schedule Indian bank and shall be governed by Indian Laws and be subject to the jurisdiction of courts at Guwahati. The PBG shall guarantee that,
- (a) The Vendor guarantees satisfactory operation of the Equipment & components against poor workmanship, bad quality of materials used, faulty designs and poor performance.
 - (b) The Vendor shall, at his own cost, rectify the defects/replace the items supplied, for defects identified during the period of guarantee.
 - (c) This guarantee shall be operative from the date of installation till 60 days after the warranty period.
09. **Delivery:**
- a) **Time Limit:** Maximum within 10-12 Weeks from the date of issue of this purchase order.
 - b) **Safe Delivery:** All aspects of safe delivery shall be the exclusive responsibility of the vendor. At the destination site, the package will be opened only in the presence of AEI user/representative and vendor's representative. The intact condition of the package and the seal/indicators for not being tampered with, shall form the basis for certifying the receipt in good condition.
 - c) **Insurance:** The supplier is to establish 'All Risk Transit Insurance' coverage till door delivery at AEI, Guwahati, Assam.
 - d) **Part Delivery:** Acceptance of part delivery shall be a prerogative of the institute.
10. **Conditional tenders not acceptable:** All the terms and conditions mentioned herein must be strictly adhered to by all the vendors. Conditional tenders shall not be accepted on any ground and shall be rejected straightway. Conditions mentioned in the tender bids submitted by vendors will not be binding on AEI, Guwahati.
11. **Road Permit:** Assam Engineering Institute will not provide any Road Permit to the Vendors.
12. **VAT deduction at source:** In case of suppliers within Assam, VAT deduction at source, as per Order/ notification of the Govt. of Assam will be applicable.
13. **Late and delayed tender:** Late and delayed tender will not be considered. In case any unscheduled holiday occurs on the prescribed closing/opening date the next working day shall be the prescribed date of closing/opening.
14. **Payment:** Payment will be released only after successful completion of installation and acceptance, Demo and Test run etc.
15. **Enquiry during the course of evaluation not allowed:** No enquiry from the bidder(s) shall be entertained during the course of evaluation of the tender till final decision is conveyed to the successful bidder(s). However, the Purchase Committee or its authorized representative may make enquiries/seek clarification from the bidders. In such a case, the bidder must extend full co-operation. The bidders may also be asked to arrange demonstration of the offered items, in a short period of notice.
16. The acceptance of the quotation will rest solely with the Principal, AEI, who in the interest of the Institute is not bound to accept the lowest quotation and reserves the right to himself to reject or partially accept any or all the quotations received without assigning any reasons.
17. **Force Majeure:**
If the performance of the obligation of either party is rendered commercially impossible by any of the events hereafter mentioned that party shall be under no obligation to perform the agreement

under order after giving notice of 15 days from the date of such an event in writing to the other party, and the events referred to are as follows:

- i. Any law, statute or ordinance, order action or regulations of the Government of India,
- ii. Any kind of natural disaster, and
- iii. Strikes, acts of the Public enemy, war, insurrections, riots, lockouts, sabotage.

18. Applicable Law:

- (a) The contract shall be governed by the laws and procedures established by Govt. of India and subject to exclusive jurisdiction of Competent Court and Forum in Guwahati/Assam.
- (b) Any dispute arising out of this purchase shall be referred to The Principal, Assam Engineering Institute, Guwahati, Assam and if either of the parties hereto is dissatisfied with the decision, the dispute shall be referred to the decision of an Arbitrator, who should be acceptable to both the parties, to be appointed by the Principal of the Institute. The decision of such Arbitrator shall be final and binding on both the parties.

Sd/-

Principal,
Assam Engineering Institute,
Chandmari, Guwahati

Encl.: ANNEXURE-I, ANNEXURE-II, ANNEXURE-III & ANNEXURE-IV

Annexure -I

A. COMPLIANCE CERTIFICATE FOR NIT TERMS
(To be enclosed in the Technical bid)

Sl. No.	NIT Terms and Conditions	Yes/No
01	Rate quoted as per instruction	
02	Validity of quoted rate for 90 days agreed	
03	EMD submitted (appropriate certificate enclosed)	
04	PBG term agreed	
05	Payment term agreed	
06	Delivery terms agreed	
07	Warranty period agreed	
08	Literature: Printed Literature provided	
09	Dealership / distributorship certificate (in case of dealers/agents) provided	
10	Sales Service: address of after Sales Service centre in India (for imported goods)/ in the region provided	
11	Applicable law terms agreed	

Signature with Seal:.....

Vendor: M/s.....

B. COMPLIANCE CERTIFICATE FOR SPECIFICATIONS
(One for each item must to be enclosed in the Technical bid)

Item Sl. No.		
Specifications as per Annexure-IV	Quoted Item Specs.*	Complied (Yes/No)

Signature with Seal:.....

Vendor: M/s.....

*** Vendor must quote the parameter specification of the quoted product in this column and not just copy the specification from the tender call document. Failure to do so will lead to rejection of the tender.**

Annexure -II

PERFORMANCE BANK GUARANTEE

To:

The Principal,
Assam Engineering Institute,
Guwahati, Assam

WHEREAS (Name of Supplier)
hereinafter called "the Supplier" has undertaken, in pursuance of Contract No..... dated,.....
20... to supply..... (Description of Goods and Services)
hereinafter called "the order".

AND WHEREAS it has been stipulated by you in the said order that the Supplier shall furnish you with a Bank Guarantee by a recognized bank for the sum specified therein as security for compliance with the Supplier's performance obligations in accordance with the order.

AND WHEREAS we have agreed to give the Supplier a Guarantee:
THEREFORE WE hereby affirm that we are Guarantors and responsible to you, on behalf of the Supplier, up to a total of (Amount of the Guarantee in Words and Figures) and we undertake to pay you, upon your first written demand declaring the Supplier to be in default under the order and without cavil or argument, any sum or sums within the limit of (Amount of Guarantee) as aforesaid, without your needing to prove or to show grounds or reasons for your demand or the sum specified therein.

This guarantee is valid until theday of.....20.....

Signature and Seal of Guarantors
.....
.....
.....
Date.....20....
Address:.....
.....
.....

All correspondence with reference to this guarantee shall be made at the following address:

The Principal,
Assam Engineering Institute,
Guwahati, Assam-781003

Annexure -III

MANUFACTURERS' AUTHORIZATION FORM

No.

Dated _____

The Principal,
Assam Engineering Institute,
Guwahati, Assam

Dear Sir,

We..... who are established and reputable
manufacturers ofhaving factories at--

(address of factory) do hereby certify

that.....

.....(Name of the Authorised Dealer)is our authorized dealer to quote against your
tender enquiry no

..... ,
Last Date of Submission is:

No other Company other than(Name of
the Authorized Dealer) is authorized to quote of our products against this Tender Enquiry
No.....

Yours faithfully,
(Name)
(Name of manufacturers)

Annexure –IV

TECHNICAL SPECIFICATIONS

Sl. No.	Item	Technical Specifications	Quantity (Nos.)
1.	Server (Branded)	As per Annexure V	1
2.	Desktop PC (Branded)	As per Annexure VI	5
3	Library Management Software	SOUL 2.0 or Latest	1
4	Online UPS	5 KV, Back up minimum 4 hours, as per Annexure VII	1
5	Bar-code Printer, Bar-code Reader etc.	QL-700 Brother Barcode Printer with reader and 10 labels	1+1
6	Computer Table with Chair	Godrej or Tata	5
7	Aluminium ladder 6 ft. Height	Godrej or Tata	1

ANNEXURE-V
Server – Specifications

Parameter	Required Minimum Technical Specification
Processor	1 x Intel® Xeon® Processor E5-2407 2.20GHz, 10M Cache, 6.4GT/s , No Turbo, 4Core, 80W
Chipset	Latest Generation Server Class Mother Board based on associated chipset supporting the above processor. Same OEM make as Processor
DIMMs	At least 12 DIMMS supporting ECC DDR3 RAM – up to 1600 MHz RDIMMS
Primary Memory	4* 4GB RAM : (min/max): 4 GB/192GB DDR-3 ECC RDIMM RAM
HDD Bays	Up to 16 hot-plug drive bays
HDD Types supported	SATA/NL-SAS, SAS and SED
HDD drives	2x 500 GB Non H/S 7.2 KRPM SATA Hard Disk Drives
Internal HDD Controller	8-port, internal 6Gb/s PCIe RAID controller supporting RAID 1, 0, 5
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, 6 USB 2.0 Port., 1 Serial port, 1 Keyboard, 1 mouse port, 1 Graphics 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 Model
Monitor	18.5” TFT LCD 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 2008 R2, 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. Cables required for redundancy are also to be provided.
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.

ANNEXURE-VI
Desktop PC – Specifications

Sl No	Features	Make and model to be specified by vendor
1	Processor	Intel 4th Generation Core i5 4570s
2	Chipset	Intel H81 chipset
3	Motherboard	OEM Motherboard
4	Memory	Two DIMM slots, 4 GB DDR3 RAM upto 16 GB 1600 MHz
5	Hard Disk Drive & controller	500 GB SATA7200 rpm
6	Optical Drive	DVD RW
7	Graphics	Intel HD Graphics integrated
8	Audio	High definition HD Audio, Realtek ALC 622 codec
9	Ethernet /Communication	10M/100M/1000M Gigabit Ethernet
10	Slots	PCI Express x16 - 1x Low profile, PCI Express x1- 2x Low Profile
11	Bays	(1) 3.5" internal drive bays supporting multiple hard disk drives (1) 2.5" internal drive bays supporting hard disk drives (1) 5.25" internal drive bays supporting hard disk drives
12	Ports	Rear I/O 2 x USB 3.0 ports, 2 x USB 2.0 ports Serial Port 1, LAN (RJ45) 1 Front I/O : (2) USB 2.0 ports x 2, Microphone 1, Headphone 1
13	Form Factor	SFF (Small Form Factor)
14	Power Supply	240W 85 plus
15	Keyboard	Slim USB keyboard
16	Mouse	USB Optical Mouse
17	Operating System	Win 8 pro 64/32 bit downgradeable to Win 7 pro 64/32 bit
21	Compliance And Certification	UL, FCC , CE & Linux (Redhat Certification), Energy Star , EPEAT GOLD
22	Warranty	3 years onsite Warranty
23	Monitor	18.5" LED Monitor

ANNEXURE-VII
Online UPS – Specifications

SI No	Parameter	Required Specifications
1	Configuration	5 KVA On-Line UPS System with Inbuilt Isolation Transformer.
2	Technology	True On-Line Double Conversion UPS with PWM-IGBT technology.
3	Capacity	5 kVA/4.5 KW @ 0.9 p.f.
4	AC Input Voltage Range	160 - 280 V AC, 1 Phase
5	Input Frequency	50Hz \pm 10% (Suitable for Generators)
6	AC Output Voltage	230 V AC, 1-phase \pm 1% (Sine Wave Output)
7	Output Frequency	50 Hz \pm 0.05 Hz
8	Inverter Efficiency	Better than 90%
9	Overload Capacity	125% for 10 minutes, 150% for 60 seconds
10	Crest Factor	Better than 4:1
11	Harmonic Distortion	Less than 3%
12	Isolation Transformer	UPS output should be fully isolated by double conversion and inbuilt isolation transformer within the UPS cabinet itself. External transformer shall not be considered.
13	Ambient Conditions	Operating Temp: 0–50 Deg C Relative Humidity: 95% Max. non-condensing
14	Indications & Audible Alarms	Mains On, Inverter On, Overload, Load On Mains, Load On Battery, Battery Low
15	Digital Metering	Digital display for measurement of AC Voltage, Battery voltage, Battery Current, Load Current, Output frequency.
16	Battery Back-up & Other Details	The system must be capable of providing requisite battery back-up time of 2 hours using Sealed Maintenance Free Batteries. Required VAH : 9300 VAH (3 hours) DC Bus Voltage \geq 144 V
17	Certification	<ul style="list-style-type: none"> • The offered UPS model should have CE Certification (confirming to IEC 62040-1 & IEC 62040-2 Standards) • The UPS OEM should be ISO 9001, ISO 14001, OHSAS 18001 certified • The offered UPS model should have RoHS Compliance Copies of the above certifications should be submitted with the technical Bid
18	After Sales Support & Manufacturer's Credibility	<ul style="list-style-type: none"> • UPS OEM Should have at least 8-10 Service Centres of their own in NE Region • UPS OEM should have a dedicated Toll Free No. for service call logging & resolution • UPS OEM should not have been blacklisted or debarred from business from any govt organisation in last 03 years