

**OFFICE OF THE REGISTRAR :: DIBRUGARH UNIVERSITY
DIBRUGARH :: ASSAM
PIN: 786 004**



BID DOCUMENT

FOR

NAME OF THE WORK: Supply, installation and commissioning of a Server under SERB SURE Project, Department of Physics at Dibrugarh University.

TENDER No: DU/NIT-2024/File-VII/214 dated 13/02/2024

CUT-OUT SLIP

NAME OF THE WORK: Supply, installation and commissioning of a Server under SERB SURE Project, Department of Physics at Dibrugarh University

TENDER No: DU/NIT-2024/File-VII/214 dated 13/02/2024

SUBMISSION DUE DATE & TIME : 15/03/2024 up-to 11.30 A.M.

FROM:

NAME:
ADDRESS

TO:

THE REGISTRAR
DIBRUGARH UNIVERSITY
DIBRUGARH, ASSAM

(To be pasted on the outer envelope containing "Technical"& "Commercial" bids



OFFICE OF THE REGISTRAR :: DIBRUGARH UNIVERSITY :: DIBRUGARH

No. DU/ NIT-2024/File-VII/214

Date: 13/02/2024

Tender Notice

Sealed Tenders are invited from reputed manufactures/authorized dealers/suppliers for **Supply, installation and commissioning of a Server under SERB SURE Project, Department of Physics at Dibrugarh University**. Detailed specification of the items, terms & conditions etc are given at Part-B. Last date of submission of Tender with all relevant papers is **15/03/2024 up-to 11:30 A.M.** to be submitted at the Office of the Registrar, Dibrugarh University, Dibrugarh, Assam.

Availability of Bid papers	From 13/02/2024
Last date for receipt of Bid	15/03/2024 upto 11.30 A.M.
Time & Date of opening of Bid	15/03/2024 at 02:30 P.M.
Place of opening of Bid	Office of the Registrar, DU
Cost of Tender Document	1000/- (Non refundable) + 18% GST
EMD	Rs. 15,000.00

The tender should be submitted in two separate sealed envelopes *i.e.* **Part - I TECHNICAL BID** and **Part – II FINANCIAL BID**. The technical bid shall be opened on above mentioned date and time and the financial bid of only those bidders who qualify in technical bid shall be opened on the same date or at a later date which shall be intimated to the tenderer whose technical bid are found to be valid. Dibrugarh University reserves all the rights to reject any or all the tenders without assigning any reason thereof.

Sd/-
Registrar
Dibrugarh University

Copy to:

1. The Chairperson, Tender Opening Committee, D.U. for information.
2. The Deputy Registrar (F&A) i/c, D.U. for information.
3. The Programmer, D.U., with a request to upload the NIT at D.U. website.
4. Office File

Sd/-
Registrar
Dibrugarh University

PART A - TERMS AND CONDITIONS

GENERAL INFORMATION

The tender bids duly complete in all respects, along with the necessary documents should be submitted to the Registrar, Dibrugarh University, Assam. The Technical Bids so received, shall be opened on **15/03/2024 at 02:30 P.M.** in the Office of the Registrar, Dibrugarh University in the presence of the representatives of the bidders. The Financial Bids of the Tenderers shall be opened on the same date or at a later date to be intimated to the Tenderers whose Technical Bids are found to be valid. Right to reject any or all Tenders, without assigning any reason thereof is reserved by Dibrugarh University.

Terms and Conditions of Supply:

Qualifying Criteria:

- i. The bidder should be a manufacturer of nationally / internationally reputed brand or its authorized dealer / distributor. Either the bidder or the manufacturer shall have experience in dealing with the similar kind of supply and installation at central govt./ state govt. / institute of national importance / educational & research institutes for last three years. A copy of the purchase orders received from any of the institutes during the last three years along with satisfactory completion certificate from the user (s) should be submitted.
 - ii. All the quotations must be supported by technical leaflet/ literature and the specifications mentioned in the quotation must be reflected / supported by such technical leaflet / literature.
 - iii. Dealers or agents quoting on behalf of manufacturer must submit valid authorization certificate.
2. The last date and time for the submission of the bids is **15/03/2024 up-to 11:30 A.M.**
3. Suppliers shall submit the following documents along with their quotations:
- i) VAT/TIN/GST Registration No.
 - ii) Technical specifications offered by the Supplier.
 - iii) The bidder must submit a detailed compliance statement clearly mentioning compliance with the specifications mentioned in the NIT document and deviation if any.
 - iv) Technical literature regarding the offered products including pictures/sketch/diagrams etc.
4. The rates should be mentioned in the **FINANCIAL BID** attached with the Tender Document as **ANNEXURE-II**. Each page of the tender shall be signed in full and stamped with the seal by the supplier. The supplier must clearly state in what capacity he/she is signing the Tender.
5. The supplier shall submit the tender in 02 (two) envelopes. The first envelope (Technical Bid) shall contain all the following documents and be sealed.
- Filled in Format Technical Specifications/Literature
 - Valid copy of Trade License or Certificate of Incorporation or Partnership Deed.
 - PAN Card,
 - Registration certificate of GST,
 - Dealership/Manufacturing/Small Scale Industry (SSI) Certificate (if any)
 - The cost of tender of Rs. 1000.00 (Non refundable) + 18% GST, along with the Earnest Money of Rs. 15,000.00 (Rupees Fifteen thousand) only in the form of Demand Draft/Bankers Cheque in favour of the Registrar, Dibrugarh University, Assam payable at Dibrugarh University.
 - The Firm(s) who are registered with MSME, National Small Industries Corporation (NSIC) /OR Small Scale Industries (SSI) are exempted to submit the Tender Cost/EMD. However, a copy of registration must be provided along with Technical Bid.
6. Supplier should read carefully all the instructions and terms and conditions, etc before registering rates in prescribed schedule of the tender. Taxes and duties etc. should be shown separately.

7. The Technical Documents shall be opened, at **02:30 P.M. on 15/03/2024** or on the next working day if the offices of the University remain closed due to any reason.
8. Technical specifications of the instruments/equipments are given in **Annexure I** to these papers (Part B).
9. The delivery and installation should be completed within 1 month or as specified from placing of the order. No extension shall be granted to the contractors/suppliers for the period of delivery, under any circumstances.
10. If the supplier fails to deliver the article as per the delivery schedule, the University shall be free to procure the balance/undelivered supply, at the risk and cost of the supplier, from other such suppliers.
11. The goods, articles, materials supplied by the supplier shall be accepted after inspection by an officer authorized by the competent authority. No articles/materials which do not conform to the specifications laid down in the terms and conditions or damaged in transit shall be accepted.
12. The bills of the suppliers shall be paid by the University after all the materials/articles/equipments have been received and installed, inspected as above.
13. Vendor must submit Compliance statement in tabular form comparing each specification of the quoted item with that given in the Tender Document **Annexure III**
14. The tendering firm must provide proof of documents for executing similar works earlier.
15. In the event of any breach of the terms and conditions of the supply, the University may terminate the contract placed with the supplier and forfeit the security deposit of the supplier.
16. Whether OEM or Authorized Distributor/ Dealer a letter or a valid certificate of authorization of manufacturer shall be enclosed.
17. Copy of product literature and catalogue, testing report, BEE rating, ISO etc.
18. The quantity as mentioned at Part-B (Specifications) may be increased or decreased at the time of placing Order as per requirement.
19. Tenderers are advised to study all technical and commercial aspects, instructions, forms, terms and specifications carefully in the tender document. Failure to furnish all information required in the Tender Document or submission of a bid not substantially responsive to the Tender document in every respect will be at the tenderer's risk and may result in the rejection of the bid.
20. The Bidder should not have been blacklisted in anywhere in India or abroad. A self –declaration letter by the Bidder on the company's letter head should be submitted along with technical bid.
21. The tenderer must have permanent establishment in Assam.
22. This tender document is not transferable.

Note:

(a) Tenderers are advised to read carefully the Terms and Conditions of supply before recording the rates in this Schedule.

(b) No erasures or overwriting shall be allowed, unless they are authenticated under the full signature and the seal of the tenderer.

(c) The University reserves the right to:

- (i) Accept/reject any/all tenders without assigning any reason thereof.
- (ii) Revise the quantities at the time of placing the order without change in the rate quoted by the bidder.
- (iii) Add/modify/relax or waive any of the conditions stipulated in the tender document whenever deemed necessary
- (iv) Award the contract to one or more tenderers for the items covered by the tender.

ITEM No	DESCRIPTION OF GOODS WITH DETAILS OF SPECIFICATIONS	Unit Price	Taxes	Qty.	Total Amount
1					
2					
3					

Signature of the Tenderer

Seal of the Firm

Part - B (Specifications):

Supply, installation and commissioning of a Server under SERB SURE Project, Department of Physics at Dibrugarh University.

1. High End Workstation

Sl. No.	Parameter	Minimum required specification
1	Form factor	Tower
2	Processor	1xIntel Xeon W7-2495X (2.5 GHz base frequency, up to 4.6 GHz with Intel Turbo Boost Technology, 45 MB L3 cache, 24 cores, 48 threads)
3	Chipset	Intel compatible chipset with 8 DMI lanes, x1,x2,x4 PCI express configuration and 28 PCI express lanes
4	RAM	64 GB ECC, DDR5, 4800 ECC memory, supporting up to 128 GB ECC RAM System should support 8 DIMM slots.
5	Hard Disk	2x 2TB 7200 RPM HDD, Option for future expansion of additional Hard drives
6	Solid State Drive	512 GB Solid State Drive, Min. R/W Speed 6Gb/s
7	Optical Drive	Slim DVD ROM
8	Slots	(a) 1 PCIe 5 x16; (b) 2 PCIe 4 x16; (c) 2 PCIe 4 x4 (Rear bulkhead access can be achieved through all slots but 2 PCIe 4 x8, and 2 PCIe 4 x8 are internal access only for M.2 (1 PCIe 4 x16 available when 2nd CPU is not installed; 1 PCIe 3 x16 available only when 2nd CPU is installed).)
9	Ports	Minimum Front Port: 2 Super Speed USB Type-C 20 Gbps signaling rate (USB Power Delivery); 2 Super Speed USB Type-A 5Gbps signaling rate; 1 headset/microphone combo; Minimum Rear Port: 6 Super Speed USB Type-A 5Gbps signaling rate; 1 RJ-45; 1 audio-in/out
10	Keyboard and Mouse	Minimum 104 keys USB Keyboard and USB Optical Scroll mouse –(Same make as that of the workstation)
11	Audio	High Definition Integrated Audio with Internal speaker.
12	Network	On board 10/100/1000 Wired NIC, WiFi
13	Monitor	TCO 7.0, Epeat gold, Energy star certified 24-inch monitor (Same make as workstation), with resolution of 1920 x 1080 (FHD).
14	Power Supply	Minimum 1125W with minimum 90% Efficient Power supply, EPEAT certification for the system model. (EPEAT certificate should be enclosed with the technical bid)
15	Dust Filter	OEM should provide serviceable dust filter for avoid workstation failures due to dust and it should be

		connected into the workstation
16	Operating System	Linux Operating system
17	Chassis	Tool-less internal chassis mechanisms.
18	OEM Criterial	Quoted OEM must have service centers in Assam and quoted OEM have presence in India for minimum 10 years.
19	Authorization	Bidder should enclose tender specific authorization certificate by mentioning NIT no in OEM letterhead
20	Warranty	3years onsite parts and labor warranty for system and monitor

2. 3 KVA online UPS

Sl No	Parameter	Minimum Required Specifications
1	Technology	3KVA On-Line UPS Should have IGBT BOTH INVERTER & RECTIFIER STAGE, Inbuilt cold start function
2	Capacity & Output Power Factor	3 KVA & 0.80 (min.)
3	Operating Voltage Range	110-300 VAC (Based on load at 50%), 160-300 VAC (Based on load at 100%)
4	Operating Frequency Range (HZ)	50 / 60 Hz \pm 10% (Auto Sensing)
5	Output Voltage	220V / 230V / 240V AC / \pm 1% / 0.8 Std., 0.9 Optional
6	Output Frequency	Auto Sensing 50 / 60 Hz \pm 1~10% Sync Mode (Configurable), 50/60 Hz \pm 0.1 Hz Battery Mode
7	Overload Capacity	>110% , 30 SECNDS TURN TO BYPASS MODE ,>150% 300 MILI SECNDS TURN TO BYPASS MODE
8	Crest Factor	3:1 (Max)
9	Noise (Db)	<45 DB , (1 METER)
10	Efficiency	> 91%
11	Harmonic Distortion	<2 % THD (Linear Load); <5 % THD (Non-linear Load)
12	TEMPERATURE & RH	Temp: 0–45 Deg C Relative Humidity: 0 to 95% non-condensing
13	Audible Alarms	Battery low voltage , abnormal power supply , ups failure , over load
14	LCD INDICATION	LCD DISPLAY INDICATING (input & out voltage / input & out frequency , load watt/ va percent , inverter temperature) OPERATION MODE SUCH AS : ONLINE , ON BATTERY , ON BYPASS
15	Battery Back-up & Other Details	The system must be capable of providing requisite battery back-up time of 15-20 minutes. Battery back-UP using Sealed Maintenance Free Batteries under the enclouser.External Battery won't be acceptable. Minimum VAH Required: 672 VAH
16	CERTIFICATION And After Sales Support & Manufacturer's	ISO 9001:2015, ISO14001:2015, ISO 45001, ISO27001:2013, ISO 50001:2011, RoHS,CE & FCC, Electrical License of the OEM. All these certificates to be enclosed, and please be noted that, certificate issuing from Indian Agency for each of the product/Model offered.

	Credibility	(Foreign certification agencies have to issue the certificate from their Indian subsidiary).
		UPS should be manufactured in India and declaration in OEM letterhead certifying product quoted is manufactured in India (DMEP-Domestic Manufactured) productivity certificate from District Industry Centre, for capability assessment for quoted products that the same product is being manufactured at designated factory. : The BIS certificate, should mentioned manufacturer, as in India, to make in India initiative.
17	Warranty	1 year warranty on UPS and Battery
18	Authorization	Bidder should enclose tender specific authorization certificate specific to this tender on OEM letterhead

Signature:

Date.....

Name :

Address :

.....

.....

Mobile No.....

To

The Registrar
Dibrugarh University
Dibrugarh

Ref: NIT no.dated.....

Sub: Financial Bid

Sir,

In reference to the NIT cited above, the undersigned would like to submit the Financial Bid as per the unit price, taxes, quantity *etc.*

Item No.	DESCRIPTION OF GOODS WITH DETAILS OF SPECIFICATIONS	Qty.	Per Unit Price (INR)	GST (INR)	Total Amount (INR)
01					
02					
03					

This is for your kind perusal and acceptance please.

Signature

Seal

Date:

Place:

COMPLIANCE SHEET

Supply, installation and commissioning of a Server under SERB SURE Project, Department of Physics at Dibrugarh University.

1. High End Workstation

Sl. No.	Parameter	Minimum required specification	Compliance/ Non Compliance
1	Form factor	Tower	
2	Processor	1xIntel Xeon W7-2495X (2.5 GHz base frequency, up to 4.6 GHz with Intel Turbo Boost Technology, 45 MB L3 cache, 24 cores, 48 threads)	
3	Chipset	Intel compatible chipset with 8 DMI lanes, x1,x2,x4 PCI express configuration and 28 PCI express lanes	
4	RAM	64 GB ECC, DDR5, 4800 ECC memory, supporting up to 128 GB ECC RAM System should support 8 DIMM slots.	
5	Hard Disk	2x 2TB 7200 RPM HDD, Option for future expansion of additional Hard drives	
6	Solid State Drive	512 GB Solid State Drive, Min. R/W Speed 6Gb/s	
7	Optical Drive	Slim DVD ROM	
8	Slots	(a) 1 PCIe 5 x16; (b) 2 PCIe 4 x16; (c) 2 PCIe 4 x4 (Rear bulkhead access can be achieved through all slots but 2 PCIe 4 x8, and 2 PCIe 4 x8 are internal access only for M.2 (1 PCIe 4 x16 available when 2nd CPU is not installed; 1 PCIe 3 x16 available only when 2nd CPU is installed).)	
9	Ports	Minimum Front Port: 2 Super Speed USB Type-C 20 Gbps signaling rate (USB Power Delivery); 2 Super Speed USB Type-A 5Gbps signaling rate; 1 headset/microphone combo; Minimum Rear Port: 6 Super Speed USB Type-A 5Gbps signaling rate; 1 RJ-45; 1 audio-in/out	
10	Keyboard and Mouse	Minimum 104 keys USB Keyboard and USB Optical Scroll mouse –(Same make as that of the workstation)	
11	Audio	High Definition Integrated Audio with Internal speaker.	
12	Network	On board 10/100/1000 Wired NIC, WiFi	
13	Monitor	TCO 7.0, Epeat gold, Energy star	

		certified 24-inch monitor (Same make as workstation), with resolution of 1920 x 1080 (FHD).	
14	Power Supply	Minimum 1125W with minimum 90% Efficient Power supply, EPEAT certification for the system model. (EPEAT certificate should be enclosed with the technical bid)	
15	Dust Filter	OEM should provide serviceable dust filter for avoid workstation failures due to dust and it should be connected into the workstation	
16	Operating System	Linux Operating system	
17	Chassis	Tool-less internal chassis mechanisms.	
18	OEM Criterial	Quoted OEM must have service centers in Assam and quoted OEM have presence in India for minimum 10 years.	
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20	Warranty	3years onsite parts and labor warranty for system and monitor	

2. 3 KVA online UPS

Sl No	Parameter	Minimum Required Specifications	
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2	Capacity & Output Power Factor	3 KVA & 0.80 (min.)	
3	Operating Voltage Range	110-300 VAC (Based on load at 50%), 160-300 VAC (Based on load at 100%)	
4	Operating Frequency Range (HZ)	50 / 60 Hz \pm 10% (Auto Sensing)	
5	Output Voltage	220V / 230V / 240V AC / \pm 1% / 0.8 Std., 0.9 Optional	
6	Output Frequency	Auto Sensing 50 / 60 Hz \pm 1~10% Sync Mode (Configurable), 50/60 Hz \pm 0.1 Hz Battery Mode	
7	Overload Capacity	>110% , 30 SECNDS TURN TO BYPASS MODE ,>150% 300 MILI SECNDS TURN TO BYPASS MODE	
8	Crest Factor	3:1 (Max)	
9	Noise (Db)	<45 DB , (1 METER)	
10	Efficiency	> 91%	
11	Harmonic	<2 % THD (Linear Load); <5 % THD (Non-	

	Distortion	linear Load)	
12	TEMPERATURE & RH	Temp: 0–45 Deg C Relative Humidity: 0 to 95% non-condensing	
13	Audible Alarms	Battery low voltage , abnormal power supply , ups failure , over load	
14	LCD INDICATION	LCD DISPLAY INDICATING (input & out voltage / input & out frequency , load watt/ va percent , inverter temperature) OPERATION MODE SUCH AS : ONLINE , ON BATTERY , ON BYPASS	
15	Battery Back-up & Other Details	The system must be capable of providing requisite battery back-up time of 15-20 minutes. Battery back-UP using Sealed Maintenance Free Batteries under the encloser.External Battery won't be acceptable. Minimum VAH Required: 672 VAH	
16	CERTIFICATION And After Sales Support & Manufacturer's Credibility	ISO 9001:2015, ISO14001:2015, ISO 45001, ISO27001:2013, ISO 50001:2011, RoHS,CE & FCC, Electrical License of the OEM. All these certificates to be enclosed, and please be noted that, certificate issuing from Indian Agency for each of the product/Model offered. (Foreign certification agencies have to issue the certificate from their Indian subsidiary). UPS should be manufactured in India and declaration in OEM letterhead certifying product quoted is manufactured in India (DMEP-Domestic Manufactured) productivity certificate from District Industry Centre, for capability assessment for quoted products that the same product is being manufactured at designated factory. : The BIS certificate, should mentioned manufacturer, as in India, to make in India initiative.	
17	Warranty	1 year warranty on UPS and Battery	
18	Authorization	Bidder should enclose tender specific authorization certificate by mentioning tender no in OEM letterhead	

ANNEXURE-IV

TECHNICAL BID - CHECK LIST

Sl. No	Particulars	Mention 'Yes' / 'No'
1.	Whether "Technical Bid" & "Financial Bids" submitted separately and the respective envelopes superscribed properly	
2.	Whether Tender Fee submitted? (if applicable).	
3.	Whether EMD submitted? (if applicable)	
4.	Whether MSME/NSIC/SSI certificate submitted? (in case of seeking Exemption)	
5.	Whether copy of PAN submitted?	
6.	Whether valid Trade License or Certificate of Incorporation or Partnership Deed submitted?	
7.	Whether GST regn. Certificate provided?	
8.	Whether dealership/OEM certificate provided?	
9.	Whether detailed compliance sheet submitted?	
10.	Whether technical specification/ Literature provided?	
11.	Whether declaration regarding Non-Blacklist of Bidder/OEM anywhere in India or abroad on Bidders Letterhead submitted?	
12.	Whether the firm has a permanent establishment in Assam? (Documentary proof to be submitted)	

All above enclosures must be valid (wherever applicable)

Date:

Name & Signature of the tenderer with
seal

Place:

Note: Tenders not accompanied with above information & documents in support of the same may be summarily rejected.