

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



BID DOCUMENT

FOR

NAME OF THE WORK: Supply, Installation and Commissioning of Workstation, Audio-Video Equipments, Air Conditioner and Online UPS at Dibrugarh University:

TENDER No: DU/NIT-2020/36

CUT-OUT SLIP

NAME OF THE WORK: Supply, Installation and Commissioning of Workstation, Audio-Video Equipments, Air Conditioner and Online UPS at Dibrugarh University:

TENDER NO. : DU/NIT-2020/36

Date: 17.09.2020

SUBMISSION DUE DATE & TIME : 24.09.2020 up-to 11:00 A.M.

FROM:

TO:

NAME:
ADDRESS

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-2020/36

Date: 17.09.20

Re- Tender Notice

Sealed Tenders are invited from reputed manufactures/authorized dealers/suppliers for Supply, Installation and Commissioning of Workstation, Audio-Video Equipments, Air Conditioner and Online UPS at Dibrugarh University. Detailed specification of the items, terms & conditions etc are given below. **Last date of submission of Tender as per annexure with all relevant papers is 24.09.2020 up-to 11:00 A.M. should reach** at Registrar's Office, Dibrugarh University, Dibrugarh, Assam or shall have to send by post to the aforementioned address.

Availability of Bid papers	From 17.09.2020 to 24.09.2020
Last date for receipt of Bid	24.09.2020 upto 11:00 A.M.
Time & Date of opening of Bid	24.09.2020 at 02:30 P.M.
Place of opening of Bid	Office of the Registrar, DU
Cost of Tender Document	500/- Non refundable
EMD	Rs. 35,000.00

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 Deputy Registrar (F&A), D.U. for information.
2. Dibrugarh University Website
3. Notice Board
4. Office File

Sd/-
Registrar
Dibrugarh University

Part A - Terms and Conditions

Part B - Specifications

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. The Technical Bids so received, shall be opened on **24.09.2020 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:

1. All the manufacturers/ distributors/ stockists should also give a brief profile about their company and the facilities available with them of the quoted items. Their turnover and important firms/ Government Institutes/ P.S.U.s etc. to which they are supplying quoted items, should also be mentioned.
2. The last date and time for the acceptance of the bids is **24.09.2020 up-to 11:00 A.M.**
3. Suppliers shall submit the following documents along with their quotations:
 - (a) VAT/TIN/GST Registration No.
 - (b) Technical specifications offered by the Supplier.
 - (c) Technical compliance table
 - (d) Technical literature regarding the offered products including diagrams.
4. The rates should be mentioned in the **Schedule** attached with the Tender Document. 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 or she is signing the Tender.
5. The supplier shall submit the tender in two envelopes. The first envelope (Technical Bid) shall contain all the documents referred to in **2 above** and sealed. The second envelope (Commercial Bid) shall contain the **Schedule**, in which the supplier shall register the rates of supply. The second envelope shall also, likewise, be sealed. Both the envelope then should be put together, and should be sealed in an envelope on which the cut out slip provided as part of the tender document should be pasted, and should prescribe time and date. The Technical Bid shall be opened first to ensure that suppliers have submitted all the requisite documents. If the Technical Bids are not in order or are deficient in some respect, the commercial bids in respect of such tenders shall not be opened. The date and time of opening the financial bids shall be announced one day after opening all the Technical bids.

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 24.09.2020** 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** 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 **Part - B**.
14. The warranty period shall be for minimum one year or may be more as offered.
15. The tendering firm must provide proof of documents for executing similar works earlier.
16. 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.
17. Whether OEM or Authorized Distributor/ Dealer a letter or a valid certificate of authorization of manufacturer shall be enclosed.
18. Copy of product literature and catalogue, testing report, BEE rating, ISO etc.
19. The quantity as mentioned at Part-B (Specifications) may be increased or decreased at the time of placing Order as per requirement.
20. 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.
21. 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 Storage, Workstation, Audio-Video Equipments, Air Conditioner and Online UPS at Dibrugarh University:

SI No.	Particulars	Qty.
01	<p>32 TB ENTERPRISE-CLASS UNIFIED NAS STORAGE</p> <p>Form Factor: 2U 8-bay, Onboard Host Ports: 4 x 1Gb/s iSCSI ports, 2 x10Gig ports, Number of Drives: 8, Drive Interface: 6Gb/s SATA, Drive Advanced Features: S.M.A.R.T. support/ Automatic bad-sector reassignment/ Dedicated bandwidth to each connected drive, Disk Support: 2.5" SATA SSD, File Level Protocol Support: CIFS/ SMB, AFP, NFS, FTP, WebDAV, Block Level Protocol Support: FC, FCoE, iSCSI, SAS, Object Protocol Support: RESTful API, Cloud Gateway: Amazon S3, Microsoft Azure, Alibaba Cloud, OpenStack, Feature Support: Should Support Expansion Enclosures for Future Expansion, RAID Functionality: Global, designated or enclosure hot-spare, RAID levels supported: RAID 0,1,(1+0), 3, 5, 6, 10, 30, 50, 60, Feature Support: Online expansion by Adding new drives, Copying and replacing drives with drives of larger capacity, Feature Support: RAID migration Configurable stripe size and write policy per system, Feature Support: Intelligent drive handling In degraded mode: skips irreparable blocks to continue rebuild, In normal operation: data-block verification and repair, Availability & Reliability: Redundant, hot-swappable hardware modules/ CacheSafe technology/ Multi-pathing support / Device mapper support, Feature Support: Various event notification methods including email and SNMP trap. , Management: Web-based management software, Automated cache flush and caching mode operation per enclosure status, Module status LED indicators: component presence detection & thermal sensors via I2C bus, Storage Resource Management to analyze history records of resource usage, Automate repeatable management tasks by flexible workflow, Network Configuration: IPv6 support, Fixed or dynamic IP address, Dual Gigabit Ethernet with Jumbo Frame, Port trunking/ NIC teaming/ Link aggregation (IEEE 802.3ad), DHCP client, MPIO, MC/S support, Access Right Management: User account management, Group management, Folder management (Folder and subfolder access control, Feature Support: Folder quota, Comprehensive access control action items (All Controls, Read, Read & Run, Write, Modify, List), Support Windows Active Directory Authentication (Domain Users Login via CIFS/ SMB, AFP, FTP & file explorer), LDAP on Linux. OS Support: Windows Server 2008 / 2008 R2 / 2012 / 2012 R2 (including Hyper-V), Windows 7 SP1 / Windows 8.1, RedHat Enterprise Linux, SUSE Linux Enterprise, Sun Solaris, Mac OS X, VMware, Citrix XenServer.</p>	01
02	<p>24 PORT ETHERNET SWITCH</p> <p>Type: 24 Port Ethernet Switch, Layer: Layer 2 Switch, Network Media: 22 x 10/100/1000 Mbps, 2 x 10G SFP+, No of Ports: 24 Port</p>	01
03	<p>WORKSTATION FOR EDIT & OFF-LINE GRAPHICS SUITS/STATIONS</p> <p>Processor: Intel Xeon (6 Core, 3GHz) or better, Chipset: Intel C422 Chipset or compatible with processor, RAM: 16 GB DDR4 or better, HDD: 2TB Enterprise SATA, DVD Drive: Optical Drive, Network: 2x RJ45 Gigabit Ethernet LAN ports, Graphic Card: NVIDIA QUADRO P2000, Monitor: Qty 1 x 24" LED HD Monitor, Peripherals: Standard Keyboard & Mouse (USB), OS: Windows 10 Professional, 64 Bit, Capture Card: PCIe Video Capture Card with Capture Software with SDI input and Output</p>	01
04	<p><u>Additional Software for Video editing:</u> Supply & Installation of Adobe CC Package Yearly Subscription Plan for Educational Purpose</p>	01

05	AUDIO VOICE OVER KIT Preferred Brand: M-Audio, Harman, Focusrite or equivalent	01
	<u>Mic Input:</u> Balanced XLR, FREQUENCY RESPONSE: 20 Hz – 20 kHz (+0.1 dB), DYNAMIC RANGE: 100 dB or better, PREAMP EIN: -128 dBu; <u>Line Input:</u> Balanced 1/4" [6.35 mm] TRS), FREQUENCY RESPONSE: 20 Hz – 20 kHz (+0.05 dB), MAX INPUT LEVEL: 16 dBu, GAIN RANGE: 55 dB.; <u>Instrument Input:</u> Unbalanced 1/4" [6.35 mm] TS, FREQUENCY RESPONSE: 20 Hz – 20 kHz (+0.05 dB), MAX INPUT LEVEL: 6 dBu, GAIN RANGE: 24 dB.; <u>Main Outputs, L and R:</u> Balanced, Differential 1/4" [6.35 mm] TRS, FREQUENCY RESPONSE: 20 Hz – 20 kHz (+0.06 dB), MAX OUTPUT LEVEL: +7 dBu (1 kHz, -1 dBFS).; <u>Headphone Output:</u> Impedance-balanced 1/4" [6.35 mm] TRS, OUTPUT IMPEDANCE: 10 Ω, POWER: USB-bus-powered; <u>Microphone:</u> TYPE: Back Electret condenser microphone, POLAR PATTERN: Cardioid, FREQUENCY RESPONSE: 20 Hz – 20 kHz, SENSITIVITY: -38 dB (0 dB = 1 V/Pa @ 1 kHz), RATED IMPEDANCE: 200Ω, PHANTOM POWER REQUIRED: +48 V; <u>Headphones</u> ACOUSTIC DESIGN: Dynamic, Closed, DRIVER: 40 mm, neodymium, FREQUENCY RESPONSE: 15 Hz – 22 kHz, RATED IMPEDANCE: 32Ω, EARPAD: Leatherette	
06	AMPLIFIED/POWERED SPEAKERS (PAIR)	01
	TRANSDUCERS: LF: 135 mm (5.25 in) low frequency loudspeaker; HF: 19 mm (.75 in) Polycarbonate dome tweeter; FREQUENCY RANGE: 80 Hz - 20 kHz, AMPLIFIER POWER: 35 Watts per channel	
07	AIR-CONDITIONING SYSTEM IN TECHNICAL AREA Preferred Brand: Daikin, Mitsubishi, O-General, LG, Voltas or equivalent	04
	Type: Split Air-Conditioning system, ≥1.8 TR, 5 Star Rating, Inverter Technology, Accessories: The AC system shall be supplied along with all required operational and installation accessories including remote control, copper pipes, valves, power cable, suitable stabiliser etc.	
08	ONLINE UPS SYSTEM Preferred Brand: Pegasus, Eton, APC, Numeric or equivalent	01
	<u>UPS:</u> 10 KVA 1:1 (1 Phase In: 1 Phase Out), On-Line UPS System with 60 Minutes Backup. <u>Batteries and Accessories:</u> Suitable rated batteries to provide backup for 60 Mins or more on full load along with Battery Rack, interlink battery cables <u>Supplied Accessories:</u> All necessary cables and accessories should be supplied for completeness of the system	

Signature:

Name :.....

Address :.....

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Mobile No.....

Date.....