



तेजपुर विश्वविद्यालय / TEZPUR UNIVERSITY

(संसद के अधिनियम द्वारा स्थापित केंद्रीय विश्वविद्यालय)

(A Central University established by an Act of Parliament)

कुल सचिव का कार्यालय/ OFFICE OF THE REGISTRAR

नपाम :: तेजपुर - 784028 :: असम

NAPAAM :: TEZPUR - 784028 :: ASSAM

SHORT QUOTATION NOTICE

TU/11-24/Pur/Qtn/2017-18/1497-A dated: 03.07.2017

Sealed quotations are invited from reputed manufacturers/authorized dealers/vendors for supply, installation & commissioning etc. of following items required for the ISRO Sponsored Research Project of Dr. Bhabesh Deka, Department of Electronics and Communication Engineering, Tezpur University.

Technical Specifications:

1. GPU Server

Processors	2 x Intel Xeon E5-2620 v4 2.1GHz,20M Cache,HT,8C/16T (85W)
Chipset	Intel C610 Series Chipset or Latest OEM chipset supporting an optimized for the above processor
Memory	24 DIMM slots. 128GB, 2400 MHz DDR4 RAM & Upgradable up to 768GB
Hard Disk Drives	2x 1.2TB 10K RPM SAS 2.5in Hot-plug Hard Drive
Optical Drive	Internal DVD-RW drive
I/O slots	At least Six PCIe Gen2 slots
RAID levels	Support for RAID 0,1
Network Interface	Ethernet controller for 1Gbps NIC (4 x 1Gb, 2 x 1Gb + 2 x 10Gb, 4 x 10Gb)
Graphics controller	Integrated Graphics with atleast 16MB Video Memory
Graphical Processing Unit (GPU)	1 x NVIDIA Tesla P100 PCIE 16GB Module/ 1 x NVIDIA Tesla P100 NVLink 16GB Module
Server Mgmt.	OEM embedded controller with IPMI 2.0 compliance and Server Management Tool from same OEM. It should be able to automate mgmt. tasks and automated firmware updates. It should be able to deploy servers with zero-touch automation. A LCD panel to display system ID, status information, and system error messages. The LCD lights blue during normal system operation. The LCD lights amber when the system needs attention, and the LCD panel displays an error code followed by descriptive text.
Ports	5 USB 2.0 ports(2 each on rear and front, 1 internal), 1 Serial, keyboard, mouse, graphics (DB-15)
Display	24" LED HD Monitor
Mouse & Keyboard	USB Keyboard and USB Mouse (same as make server)
Operating system & Packages	UBUNTU LINUX Library packages: CUDA
Power supplies	1100W, Hot-plug Redundant Platinum rated efficient Power Supply with 80+ platinum rated for better utilization.
Cooling	Hot plug and redundant fans



तेजपुर विश्वविद्यालय / TEZPUR UNIVERSITY

(संसद के अधिनियम द्वारा स्थापित केंद्रीय विश्वविद्यालय)

(A Central University established by an Act of Parliament)

कुल सचिव का कार्यालय/ OFFICE OF THE REGISTRAR

नपाम :: तेजपुर - 784028 :: असम

NAPAAM :: TEZPUR - 784028 :: ASSAM

Industry standard certifications	The quoted server models should have the following Certifications: Microsoft Windows Server2012, Microsoft® Windows® HPC Server 2008, Novell SUSE Linux Enterprise Server, Red Hat Enterprise Linux, Microsoft® Windows Server® 2012 Hyper-V, VMware® vSphere Version , Citrix® XenServer, FCC, UL, ROHS The server OEM must be ISO-14001
Form factor	Max. 2U Rack form factor with sliding rails to fit into industry standard 19" Server Rack
Warranty	Server Warranty should include 5-Year Parts, 5-Year Labor, 5-Year Onsite support with next business day response.

2. 3 KVA UPS systems with 60 minutes Back-up time

Configuration	3 KVA On-Line UPS System
Capacity	3 KVA/2.7 KW @ 0.9 p.f. On-Line UPS
AC Input Voltage Range	160-280V AC, 1 Phase
Input Frequency	50Hz ± 10% (Suitable for Generators)
AC Output Voltage	230 V AC, 1-phase ± 1% (Sine Wave Output)
Output Frequency	50 Hz ± 0.05 Hz
Overload Capacity	125% for 10 minutes, 150% for 60 seconds
Crest Factor	Better than 4:1
Indications & Audible Alarms	Mains On, Inverter On, Overload, Load On Mains, Load On Battery, Battery Low
Digital Metering	LCD display for measurement of AC Voltage, Battery voltage, Battery Current, Load Current, Output frequency.
Battery Back-up & Other Details	The system must be capable of providing requisite battery back-up time of 60 minutes using 12V, VRLA Sealed Maintenance Free Batteries. Required VAH : 4680 VAH for 60 minutes Battery make: EXIDE/QUANTA
Certification	- CE Certification (confirming to IEC 62040-1 & IEC 62040-2 Standards) - ISO 9001, ISO 14001, OHSAS 18001 certified. - RoHS Compliance Copies of the above certifications should be submitted with the technical Bid (compulsory).
After Sales Support & Manufacturer's Credibility	<ul style="list-style-type: none">• UPS OEM Should have at least 10 Service Centers of their own in North East• 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. organization in last 05 years. (affidavit



तेजपुर विश्वविद्यालय / TEZPUR UNIVERSITY

(संसद के अधिनियम द्वारा स्थापित केंद्रीय विश्वविद्यालय)

(A Central University established by an Act of Parliament)

कुल सचिव का कार्यालय/ OFFICE OF THE REGISTRAR

नपाम :: तेजपुर - 784028 :: असम

NAPAAM :: TEZPUR - 784028 :: ASSAM

	should be enclosed)
--	---------------------

3. Desktop

Processor	Intel 7th Gen Intel Core i5-7500 (3.4GHz/4 core/6MB cache)
Chipset	Intel Q270 Chipset
Operating System	Windows 10 Pro (64bit) English
Memory	8GB (1x4G) 2400MHz DDR4 Memory upgradable upto 64GB
Hard Drive	1 TB SATA 5400 rpm Hard Drive
Display	19.5" LED Backlit Monitor
Ports	10 External 6 USB 3.1 Gen 1 (2 front/4 rear) and 4 2.0 (2 front/2 rear),1 RJ-45,1 Serial,2 Display Port, 1 HDMI,2 PS2
Power Supply	Power Supply Unit (240W for Towers); 80 PLUS EPA Platinum
Dimensions	Height: 35 cm x Width: 15.4 cm x Depth: 27.4 cm , Weight: 7.93 kg
PCI Slot	Min 1 M.2 connector (Storage) Min 2 full height PCIe x16, Min 2 full height PCIe x1
Warranty	Server Warranty should include 5-Year Parts, 5-Year Labor, 5-Year Onsite support with next business day response.

GENERAL TERMS & CONDITIONS:

1. No separate tender paper will be issued from the office; one should only download the specifications/List from the website.
2. **The rates should be preferably quoted in Indian Rupee and FOR Tezpur University, Napaam basis. Charges for clearing and transportation should be incurred by the supplier.**
3. *Quotations should be accompanied by i) An EMD (in the form of Demand Draft/Call Deposit/TDR) of ₹. 5000/- (Rupees Five Thousand) only drawn/pledged in favor of Registrar, Tezpur University, payable at Tezpur. **No request for consideration of earlier deposited EMD will be considered.** ii) A non refundable application (quotation) fee of ₹.1000.00 (Rupees One Thousand) only have to be paid only by Demand Draft drawn in favour of Registrar, Tezpur University payable at Tezpur.*
4. The rates should be exclusive of taxes and applicable tax % should be clearly indicated.
5. Applicable levies, surcharge and discounts should be clearly indicated itemwise.
6. Quoted rates should be valid at least for a period of 01 year.
7. The rates should be quoted along with supporting documents of specifications and technical features and list of users.
8. The system must be installed at the laboratory, and after installation a basic training must also be provided by the supplier or their Indian counterpart without any additional costs.
9. All the quotations must be accompanied with supporting documents and / or literature.
10. Demonstration may be sought from the vendors for authentication of quoted specification.
11. Details of availability of after sales support will have to be furnished. After sales support directly from manufacturer and from Assam (Guwahati / Tezpur) will be preferred.
12. The University is exempted from paying Custom and Excise duty.
13. Proprietary items should be quoted with sole Manufacturer/Distributorship certificate.
14. Warranty/Gurantee period should be specifically mentioned in the quotation.
15. No Advance payment will be made. However, for foreign supplier, advance payment will be made either by FDD/Wire Transfer/LC. In such cases 10% Performance Bank Guarantee should be submitted before issuing FDD/Wire Transfer/LC, covering the warranty period.



तेजपुर विश्वविद्यालय / TEZPUR UNIVERSITY

(संसद के अधिनियम द्वारा स्थापित केंद्रीय विश्वविद्यालय)

(A Central University established by an Act of Parliament)

कुल सचिव का कार्यालय/ OFFICE OF THE REGISTRAR

नपाम :: तेजपुर - 784028 :: असम

NAPAAM :: TEZPUR - 784028 :: ASSAM

-
16. Performance Bank Guarantee also has to be submitted for Major equipments of Indian origin, covering the warranty period.
 17. Items of Foreign origin should have Insurance up to installation on site.
 18. The University reserves the right to accept or reject any or all the quotations without assigning any reason.
 19. Quoted price should be inclusive of essential accessories and should be CIF Tezpur University, Tezpur
 20. Applications for release of EMD should be submitted to the Registrar/ Joint Registrar.
 21. Apart from the above terms and conditions the University has the right to include any other terms and conditions as and when felt necessary.
 22. **Quotation should be submitted in the DROP BOX placed in the reception of the Administrative Building of the University latest by 5.30 PM of 24th of July, 2017. If posted/couriered, should reach by 5.30 PM of 24th of July, 2017 addressed to "The Joint Registrar, Tezpur University". The Quotation Notice No. and date should be clearly superscribed in the the envelope/packet containing the quotation.**

Sd/- Joint Registrar
Tezpur University