

# **INDEX**

- 1. Indent (F-1)**
- 2. Notice Inviting Quotation (F-2)**
- 3. Corrigendum Notice (F-3)**
- 4. Approval copy of Competent Authority (F-4)**
- 5. Tender Opening Summary (F-5)**
- 6. Letter from Converge System & Services Pvt. Ltd. (F-6)**
- 7. Compliance report of BMG Informatics (F-7)**
- 8. Mail copy of BMG informatics (F-8)**
- 9. Bid Security Declaration of BMG Informatics (F-9)**
- 10. Comparative Statement (F-10)**
- 11. Technical Bid Evaluation Summary (F-11)**
- 12. Technical Bid Opening Summary (F-12)**
- 13. Financial/Price Bid Opening Summary (F-13)**
- 14. Purchase Order (F-14)**



From: "Dr. Ashalata Devi" <kh\_asha@tezu.ernet.in>  
 Subject: Re: request for confirmation  
 Date: Wed, November 11, 2020 1:04 pm  
 To: "Stores & Purchase Section, Tezpur University" <snp@tezu.ernet.in>  
 Cc: kh\_asha@tezu.ernet.in,poll@tezu.ernet.in

Dear Sir,

We had made a new annexure I taking inputs from both the Annexures.  
 Please find the final Annexure I for your kind needful action.

Thank you.

Ashalata

> Madam,  
 > 02 nos. of Draft Bidder Eligibility criteria is attached for your kind  
 > confirmation. kindly check the attachments below and inform us which are  
 > the points should entered in the Annexure-I.

>  
 >  
 > Regards

>  
 > Stores & Purchase Section,  
 > Tezpur University

> \* \* \* D I S C L A I M E R \* \* \*

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 Associate Professor  
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 Tezpur University,  
 Tezpur, Napaam-784028  
 Sonitpur district, Assam, India  
 Phone: +91 03712 275608 (Office)  
 Email:[ashalatadevi12@gmail.com](mailto:ashalatadevi12@gmail.com)

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**Attachments:**

<b>Annexure I DST-CoE HPCC.docx</b>	
Size:	17 k
Type:	application/vnd.openxmlformats-officedocument.wordprocessingml.document

3. Item: Server for Compute Node without GPU. Qty: Minimum 4

Sl. No.	Features	Specification
1.	<b>Processors</b>	40 Core = 2 x Intel® Xeon® Gold 5218R 2.1G
2.	<b>Chipset</b>	Latest OEM chipset supporting an optimized for the above processor
3.	<b>Memory</b>	64 GB to be configured using 2666 MHz RDIMMs. Adequate DIMMs to be configured to populate all memory channels in a balanced manner. Compute node should be scalable to 16 DIMMs
4.	<b>Hard Disk Drives</b>	2 x 960GB SSD or more
5.	<b>HDD Bays</b>	Minimum 8 Nos HDD bays supporting SAS, SATA, SSD Drives
6.	<b>I/O slots</b>	Minimum 3 nos. PCIe slots or higher
7.	<b>Network Interfaces</b>	Minimum 3 Nos of USB port and 1 VGA Port Necessary PCIe adapter cards and ports for connection with the switch/s across the nodes for optimum performance
8.	<b>Server Management</b>	OEM embedded controller and Server Management Tool from same OEM
9.	<b>LCD panel</b>	To display system ID, status information & system error code followed by descriptive text. LCD should light up in different colours during normal system operation & error conditions.
10.	<b>Server security</b>	Should provide effective protection, reliable detection & rapid recovery using: System lockdown feature to lock down configuration and firmware, protecting the server from inadvertent or malicious changes

4. Item: Switch/s of minimum 10G capacity with all necessary accessories for optimum performance.

5. Item: Server Rack (made of steel material) with enclosures as per hardware specifications.

Sl. No.	Items	Descriptions
1.	Chassis	Glass Door/ Metal Door/42U/800/NRS1, Side Panels/1000/42U/ Vented
2.	GPU accelerator	The Chassis should be able to support Compute nodes with GPUs
3.	Cooling System	2 No. of 2 Ton AC 5 star or equivalent as per present norms of Govt. of India along with stabilizers, Time scheduler and other accessories
4.	Redundant fans	Must have redundant fans

6. Item: UPS (minimum 10 KVA Online with minimum 1/2 hour's backup)

Sl. No	Parameter	Required Specifications
1.	<b>Surge Protection Device</b>	UPS should have integrated Type 2 surge arrester (40kA) according to EN 61643-11. It should provide Lightning Protection through equi-potential bonding and eliminate transient overvoltage, originating during atmospheric discharges or switching processes. (Datasheet of SPD should be provided)
2.	<b>Battery Back-up &amp; Other Details</b>	The system must be capable of providing requisite battery back-up time of 30 minutes on each UPS, using 12V, VRLA Sealed Maintenance Free Batteries. Required VAH : 8,700 VAH for 30 minutes for each UPS Battery make: EXIDE/QUANTA/ROCKET

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3

**Technical Specification for**  
**High-Performance Computing system with data storage server**  
**Department of Environmental Science, Tezpur University**

1. Item: Server for Master Node. Qty: 1

Sl. No.	Features	Specification
1.	<b>Processors</b>	Minimum 2 x 8 Core Intel Xeon silver 4110 (2.1GHz)
2.	<b>Chipset</b>	Latest OEM chipset supporting an optimized for the above processor
3.	<b>Memory</b>	Minimum 64 GB DDR4 with minimum 24 DIMM Slots for future upgradability
4.	<b>Display, Mouse &amp; Keyboard</b>	Minimum 21-inch Display with keyboard & Mouse or more
5.	<b>Hard Disk Drives</b>	Minimum 1x 960 GB SSD and 4 x 1 TB 7.2 KRPM SAS 12 Gbps 2.5in Hot plug Hard Drive
6.	<b>HDD Bays</b>	Minimum 8 Nos HDD bays supporting SAS, SATA, SSD Drives
7.	<b>I/O slots</b>	Minimum 3 nos. PCIe slots or higher
8.	<b>RAID Controller</b>	Dedicated / Integrated Raid Controller Card with Minimum 1Gb Cache or more to attain maximum performance of Hard Disks RAID Array
9.	<b>Network Interfaces and Ports</b>	Minimum 3 nos of USB port and 1 VGA Port Necessary PCIe adpater cards and ports for connection with the switch/s across the nodes for optimum performance
10.	<b>Server Management</b>	OEM embedded controller and Server Management Tool from same OEM
11.	<b>LCD panel</b>	To display system ID, status information & system error code followed by descriptive text. LCD should light up in different colours during normal system operation & error conditions.
12.	<b>Power Supply</b>	Platinum certified redundant Power Supply to support the above hardware configuration

## 2. Item Server for Compute Node with GPU. Qty: 1

Sl. No.	Features	Specification
1.	<b>Processors</b>	40 Core = 2 x Intel® Xeon® Gold 5218R 2.1G, 20C/40T 27.5 M Cache
2.	<b>Chipset</b>	Latest OEM chipset supporting an optimized for the above processor
3.	<b>Memory</b>	64 GB to be configured using 2666 MHz RDIMMs. Adequate DIMMs to be configured to populate all memory channels in a balanced manner. Compute node should be scalable to 16 DIMMs
4.	<b>Hard Disk Drives</b>	2 x 960GB SSD or more
5.	<b>HDD Bays</b>	Minimum 8 Nos of HDD bays supporting SAS, SATA, SSD Drives
6.	<b>GPU card</b>	1 x NVIDIA Tesla V100s 32GB PCIE.
7.	<b>Network Interface and Ports</b>	Minimum 3 Nos of USB port and 1 VGA Port
		Necessary PCIe adpter cards and ports for connection with the switch/s across the nodes for optimum performance
8.	<b>Server Management</b>	OEM embedded controller and Server Management Tool from same OEM
9.	<b>LCD panel</b>	To display system ID, status information & system error code followed by descriptive text. LCD should light up in different colours during normal system operation & error conditions.
10.	<b>Server security</b>	Should provide effective protection, reliable detection & rapid recovery using:
		System lockdown feature to lock down configuration and firmware, protecting the server from inadvertent or malicious changes



**Technical Specification for**  
**High-Performance Computing system with data storage server**  
**Department of Environmental Science, Tezpur University**

1. Item: Server for Master Node. Qty: 1

Sl. No.	Features	Specification
1.	<b>Processors</b>	Minimum 2 x 8 Core Intel Xeon silver 4110 (2.1GHz)
2.	<b>Chipset</b>	Latest OEM chipset supporting an optimized for the above processor
3.	<b>Memory</b>	Minimum 64 GB DDR4 with minimum 24 DIMM Slots for future upgradability
4.	<b>Display, Mouse &amp; Keyboard</b>	Minimum 21-inch Display with keyboard & Mouse or more
5.	<b>Hard Disk Drives</b>	Minimum 1x 960 GB SSD and 4 x 1 TB 7.2 KRPM SAS 12 Gbps 2.5in Hot plug Hard Drive
6.	<b>HDD Bays</b>	Minimum 8 Nos HDD bays supporting SAS, SATA, SSD Drives
7.	<b>I/O slots</b>	Minimum 3 nos. PCIe slots or higher
8.	<b>RAID Controller</b>	Dedicated / Integrated Raid Controller Card with Minimum 1Gb Cache or more to attain maximum performance of Hard Disks RAID Array
9.	<b>Network Interfaces and Ports</b>	Minimum 3 nos of USB port and 1 VGA Port Necessary PCIe adpater cards and ports for connection with the switch/s across the nodes for optimum performance
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11.	<b>LCD panel</b>	To display system ID, status information & system error code followed by descriptive text. LCD should light up in different colours during normal system operation & error conditions.
12.	<b>Power Supply</b>	Platinum certified redundant Power Supply to support the above hardware configuration

5

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Dr. Ashalata Devi  
Associate Professor  
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Sonitpur district, Assam, India  
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Attachments:

Annexure I DST-CoE HPCC.docx	
Size:	17 k
Type:	application/vnd.openxmlformats-officedocument.wordprocessingml.document

(6)

From: "Dr. Ashalata Devi" <kh\_asha@tezu.ernet.in>  
 Subject: Techsheet of HPC  
 Date: Mon, November 23, 2020 12:15 pm  
 To: poll@tezu.ernet.in,snp@tezu.ernet.in

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Dear Sir,

Please find the final technical specification of High-Performance Computing system with data storage server (HPC) from our side for your kind needful action.

Thank you.  
Ashalata

Dr. Ashalata Devi  
 Associate Professor  
 Dept. of Environmental Science  
 Tezpur University,  
 Tezpur, Napaam-784028  
 Sonitpur district, Assam, India  
 Phone: +91 03712 275608 (Office)  
 Email:[ashalatadevi12@gmail.com](mailto:ashalatadevi12@gmail.com)

*Signd. Upd. 01/12/20*

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**Attachments:**

<b>HPC Tech Specification FinalAP.doc</b>
Size: 99 k
Type: application/msword

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(7)

**DST/CCP/CoE/182/2019 (C)**  
**Government of India**  
**Ministry of Science & Technology**  
**Department of Science & Technology**  
**(SPLICE- Climate Change Programme)**

Technology Bhavan, New Delhi  
Dated, the 05.06.2020

**ORDER**

**Sub:** Financial assistance for the project titled “Climate Change Impacts and Adaptation for a Climate Resilient North East India” to be implemented by Department of Environmental Science, Tezpur University, Napaam - 784028, Tezpur, Assam. (PI - Dr. Ashalata Devi) under the National Mission for Sustaining the Himalayan Ecosystem (NMSHE) - Approval of the proposal and release of grants for the first year.

In continuation of the sanction order of even no DST/CCP/CoE/182/2019 (G) dated xx.03.2020, sanction of the President is hereby accorded to the release of Rs. 1,98,84,208/- (Rupees one crore ninety eight lakhs eighty four thousand two hundred eight only) as a grants under ‘Creation of capital assets’ under in the above mentioned project as per the followings details:

Head	I Yr	II Yr	III Yr	IV Yr	V Yr	Total
<u>Non- Recurring</u>	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.
Camera trap (10 Nos.) @ Rs.18500/- (18% sales tax)	218300					218300
Plant growth chamber with photoperiodic device)	3752561					3752561
High-performance computing system with data storage server	6085800					6085800
GIS and relevant image processing	997500					997500
Gas Chromatograph MS (with FID and ECD detector)	5505797					5505797
Herbarium scanner	242500					242500
Automated Soil CO2 flux system	2084250					2084250
LAI-2200C Plant Canopy Analyzer	997500					997500
<b>Non-Recurring Total (A)</b>	<b>19884208</b>					<b>19884208</b>

2. This sanction is subject to the condition that the grantee organization will furnish to the Department of Science & Technology, financial year wise Utilization Certificate (UC) in the Performa prescribed as per GFR 2017 and audited statement of expenditure (SE) along with up to date progress report at the end of each financial year duly reflecting the interest earned/accrued on the grants received under the project. This is also subject to the condition of submission of the final statement of expenditure, utilization certificate and project completion report within one year from the scheduled date of completion of the project.
3. The grantee organization will have to enter & upload the Utilization Certificate in the PFMS portal besides sending it in physical form to this Division. The subsequent/final installment will be released only after confirmation of the acceptance of the UC by the Division and entry of previous Utilization Certificate in the PFMS.



8

2272  
29.10.20  
G.B

ADU/A  
B  
28/10/20

SO(SAP)  
Pr. process  
Upad. Date  
29/10/20

Date: 28-10-2020

To,  
The Registrar  
Tezpur University

Sub: Request for approval regarding e-tendering of the equipment sanctioned under DST-CoE project entitled "Climate Change Impacts and Adaptation for a Climate Resilient North East India" funded by DST, GoI

Sir,

The process for procurement of equipment sanctioned under the project has been started. It has been found that the following equipment is not available in GeM portal. The supporting relevant documents of non-availability of the items generated from GeM are enclosed herewith.

List of equipment:

Sl. No.	Equipment	Costs
1	✓ Plant growth chamber with photoperiodic device	Rs. 37,52,561 ✓
2	✓ High-performance computing system with data storage server	Rs. 60,85,800 ✓
3	✓ GIS and relevant image processing	Rs. 9,97,500
4	✓ Herbarium scanner	Rs. 2,42,500
5	✓ Automated Soil CO <sub>2</sub> flux system	Rs. 20,84,250
6	LAI-2200C Plant Canopy Analyzer	Rs. 9,97,500

Therefore, I humbly request you to kindly grant permission to procure these equipments through e-tendering. Further, kindly permit the procurement of equipment valued less than 2.5 lakhs through Local Purchase Committee (LPC) as per guidelines.

Looking forward to you for your kind approval.

Thanking you and regards,

*[Signature]*  
28/10/2020

Ashalata Devi  
Principal Investigator  
Associate Professor  
Dept. of Environmental Science  
Tezpur University



9

2

**Report ID:** GEM/GARPTS/20102020/6QTDGGY39TTG

**Report Name:** GeM Non Availability Report

**Generated By:** Pranjal Kumar Borah , Department of Higher Education , Ministry of Human Resource Development

**Generated On:** 20/10/2020

**Valid till:** 19/11/2020

### GeM Availability Report and Past Transaction Summary

GeM Availability Report and past transaction summary report is generated based on the specifications searched by the Buyer. The specification may be modified appropriately for searching relevant categories on GeM. Buyer may navigate to GeM category page by clicking on the category link to view category specifications and products/services available in the category.

*Order Count and Order Value displayed is on a cumulative basis since GeM inception.*

#### **1. Search String: High Performance Computing System with data storage server**

Search type: Product

Search Result: Category not available on GeM for the text string searched by the buyer.

This is a one-time requirement hence new category creation is not proposed / or requirement is recurring but request for new category creation will be submitted separately post generation of GeMARPTS.

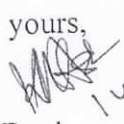
*[Handwritten signature]*

8	Harmonic Distortion	<2% for Linear Loads and <5% for nonlinear loads
9	Crest Factor	Better than or equal to 4:1
10	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.
11	Indications & Audible Alarms	Mains On, Inverter On, Overload, Load On Mains, Load On Battery, Battery Low
12	Digital Metering	LCD display for measurement of AC Voltage, Battery voltage, Battery Current, Load Current, Output frequency.
13	Battery Back-up & Other Details	The system must be capable of providing requisite battery back-up time of <b>30 minutes</b> on each UPS, using 12V, VRLA Sealed Maintenance Free Batteries. Required VAH : <b>8,700 VAH</b> for 30 minutes for each UPS Battery make: EXIDE/QUANTA/ROCKET
14	Certification	<ul style="list-style-type: none"> <li>· BIS Certificate for Quoted Model</li> <li>· CE Certification (confirming to IEC 62040-1 &amp; IEC 62040-2 Standards)</li> <li>· ISO 9001, ISO 14001, OHSAS 18001, ISO 27001 certified.</li> <li>· RoHS Compliance</li> </ul> Copies of the above certifications should be submitted with the technical Bid (compulsory).
15	After Sales Support & Manufacturer's Credibility	<ul style="list-style-type: none"> <li>· UPS OEM Should have their own service Centres in Tezpur, Assam</li> <li>· UPS OEM should have a dedicated Toll Free No. for service call logging &amp; resolution (no. to be provided)</li> <li>· UPS OEM should not have been blacklisted or debarred from business from any government</li> </ul>
16	Warranty	<b>5 Years onsite warranty on UPS and 2 year on battery which is consumable</b>

I, therefore, request you to do the needful for the early notification.

Thank you.

Sincerely yours,

  
 14/7/2020  
 Ashalata Devi  
 Associate Professor  
 Dept. of Environmental Science  
 Tezpur University

7) 10G Switch

Item	Specification
Physical Interface :	Twelve 1000/10000 Mbps RJ45 ports and additional 4 x 10 Gigabit SFP+ fiber
Memory :	512 MB flash; Packet buffer size: 2 MB, 1 GB SDRAM
Performance :	100 Mb Latency : < 5 $\mu$ s, 1000 Mb Latency : < 5 $\mu$ s, 10 Gbps Latency : < 1.5 $\mu$ s
Throughput :	Minimum 230 Mpps (64-byte packets)
Routing/Switching capacity :	Minimum 320 Gbps
MAC address table size:	Min 16384 entries
Network Protocol and Standards :	IEEE 802.3u 100BASE-TX, IEEE 802.3ab 1000BASE-T, IEEE 802.3z 1000BASE-X, IEEE802.3ae 10GBase Ethernet, IEEE802.3an 10GBase-T
Reliability, Performance, Troubleshooting :	Port mirroring both on ingress and egress traffic, Jumbo frame support, DoS Prevention
Traffic Management :	Auto Negotiation of speed and duplex modes, 801.2x Flow Control ,DHCP Client, Dynamic MAC address management, Port-based and IEEE801.2p-based QoS, QoS based on ToS (Type-of-Service), Link Aggregation
Multicast Efficiency :	IGMP snooping, v1, v2 and v3, IGMP Snooping querier (6 and 24 port models only), Blocking of unknown multicast traffic, Act as static multicast router port
Environmental Specifications	Operating Temperature:32 to 113F (0c to 45c)
Operating Humidity:	90% Maximum relative humidity, non-condensing,
Switch Management	Firmware Upgrade thru Plus Utility (TFTP)
	System password protection, SNMP,HTTPS
Certification :	UL, FCC , Switch OEM should be present in the latest Gartner report for data center networking.
Warranty Support :	5 Years onsite Comprehensive

8) 10KVA UPS

SN	Item	Specification
1	Capacity	10 KVA/9 KW @ 0.9 p.f. On-Line UPS with Inbuilt Isolation Transformer.
2	AC Input Voltage Range	300-470 V AC, 3 Phase @100% load
3	Surge Protection Device	UPS should have inbuilt 1 Phase, Type 2 surge arrester (40kA) according to EN 61643-11. It should provide Lightning Protection (according to IEC 1312-1 and EN 62305) through equi-potential bonding and eliminate transient overvoltage, originating during atmospheric discharges or switching processes. (Datasheet of SPD should be provided else bid may be rejected)
4	Input Frequency	50Hz $\pm$ 10% (Suitable for Generators)
5	AC Output Voltage	230 V AC, 1-phase $\pm$ 1% (Sine Wave Output)
6	Output Frequency	50 Hz $\pm$ 0.05 Hz
7	Overload Capacity	125% for 10 minutes, 150% for 60 seconds

12

#### 4) 42U Rack

No.	Description
1	42U Rack Frame/600/1000/Steel/NRS1/ Casters Type 2, Levellers, 19" Adopter kit/Loops, Glass Door/ Metal Door/42U/800/NRS1, Side Panels/1000/42U/Vented
2	1Ph, 32A, Zero U Vertical PDU 12 X IRP 5/15A, 16A MCB X 2, Rating 7.3KVA
3	Horz. Cable Organiser/1U/Loop
4	Shelf/1000
4	Shelf/Key Board/19"Rty/1000
5	Mounting Hardware-CR (Pack of 20)
6	ITE / Server Rack Air Circulation module/Tower Mount/360CFM

#### 5) Rack Mountable Console

<b>Rack Console:</b>	Form factor 1 U - 19"/21" Rack Mountable Console (with keyboard & mouse attached to the monitor), Native resolution 1440 x 900, Brightness (cd/m <sup>2</sup> ) 300, Contrast 1000: 1, Environment Operating temperature: Storage temperature : -20 to 60°C degree, Safety FCC, UL, CE & ROHS certified 5 Years onsite Comprehensive Warranty.
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#### 6) KVM Switch

Minimum of 16 ports
Connect computers via PS/2 and/or USB.
Supports Windows, Linux, Mac OS9/OSX, Sun Microsystems.
On-Screen-Display (OSD) & Cascade Chain functions.
OSD with intuitive menus for quick and effective navigation.
Advanced user profiles and configurable OSD hot key combinations
Multilingual OSD: English, France, German, Spanish, Italian, Russian, Simplified Chinese, Japanese
Support resolution up to 1920 x 1080
From a single console. Cascaded units do not need special configuration.
Hot-pluggable: all devices connected to KVM can be added or removed at any time without shutting down the devices.
Auto Scan video for effortless monitoring
Easily switch between connected devices with: Hardware Push Button, Hot-Keys on PS/2 and/or USB keyboard with OSD menu.
Hotkey combination: Scroll-lock, Cap-lock, Num - lock, Alt, Ctrl & Win
Multi lingual on screen display menu
Supports LED display for PC and/or server status monitoring.
Enable/disable beeper during channel switching.
Rack mountable in 19" rack (1U).
Shock : 10G acceleration (11ms duration)
Operating temperature : 0 to 55°C degree , Storage temperature : -5 to 60°C degree
Operating humidity : 90%, non-condensing, Storage humidity : 90%, non-condensing
DC power options available : 12V / 24V / 48V / 110 ~ 125V
Power consumption: Max. 24W
All connecting cable to nodes (min8) should be provided.
Safety approval : CUL, FCC & CE certified, 5 Years onsite Comprehensive

2	Redundant Power Supplies	The entire solution should be offered with redundant power supplies at enclosure level.
3	Redundant Fans	The chassis / enclosure should be configured with redundant fans
4	GPU/Accelerators	The chassis should be able to support 2 compute nodes with GPUs or 4 Compute Nodes without GPU
		The Chassis should be able to support combination of both GPU and compute nodes
5	Certification	<b>The Server manufacturer should be enlisted within top 3 manufacturer as per the Latest IDC report</b>

**B) GPU Server Specifications**

1	CPU	2 x Intel Xeon-Silver 4116 (2.1GHz/12-core/85W) or better
2	Chipset	Intel C622 Series Chipset or better
3	Memory Requirement	64 GB to be configured using 2666 MHz RDIMMs. Adequate DIMMs to be configured to populate all memory channels in a balanced manner. Compute node should be scalable to 16 DIMMs.
4	Memory Scalability	Should be capable of scaling up to 512 GB Memory.
5	Memory protection	Advanced ECC
6	Hard Disk	2 x 1 TB 7.2K RPM SAS Drives
	GPU Card	<b>1 x Nvidia Tesla V100 32GB Card (5120 Cuda Cores)</b>
7	Networking	2 x 1Gbps ports with PXE boot capability & 1 x Dual Port 10G Base-T card
8	Management Port	1Gbps Remote Management Port
9	PCI-Express 3.0 slots	The compute node should have capability to be configured with at least 2 no's of PCIe -Gen3 (x8/16) low profile IO slots
10	OS Support	Should support RHEL6.x / SLES 11 or higher
11	Warranty	5 Years Warranty on chassis & Servers

**C) Compute Server Specifications**

1	CPU	2 x Intel Xeon-Gold 5218 (2.3GHz/16-core/125W) or better
2	Chipset	Intel C622 Series Chipset or better
3	Memory Requirement	64 GB to be configured using 2933 MHz DDR4 RDIMMs. Adequate DIMMs to be configured to populate all memory channels in a balanced manner. Compute node should be scalable to 16 DIMMs.
4	Memory Scalability	Should be capable of scaling up to 512 GB Memory.
5	Memory protection	Advanced ECC
6	Hard Disk	2 x 1 TB 7.2K RPM SAS Drives
7	Networking	2 x 1Gbps ports with PXE boot capability & 1 x Dual Port 10G Base-T card
8	Management Port	1Gbps Remote Management Port
9	PCI-Express 3.0 slots	The compute node should have capability to be configured with at least 2 no's of PCIe -Gen3 (x8/16) low profile IO slots
10	OS Support	Should support RHEL6.x / SLES 11 or higher
11	Warranty	5 Years Warranty on chassis & Servers

2) Compute Nodes

Item	Description
<b>A) Compute Nodes chassis Specifications</b>	
Chassis	Vendor should offer a Server chassis / enclosure based solution which can hold dense servers(Pure CPU and GPU based compute nodes) on an average of 2U per Server, capable of getting mounted in a standard 19" 42U Rack (max depth of 1000mm). Each of the Server nodes should be individually serviceable, without shutting down the other Server nodes.
Redundant Power Supplies	The entire solution should be offered with redundant power supplies at enclosure level.
Redundant Fans	The chassis / enclosure should be configured with redundant fans
GPU/Accelerators	The chassis should be able to support 2 compute nodes with GPUs or 4 Compute Nodes without GPU The Chassis should be able to support combination of both GPU and compute nodes
Zoning disks	The chassis should have capability to assign disks flexibly against each node using zoning capabilities. For instance, if the chassis can support say 24 SFF disks and 4 compute nodes, then the chassis should have capability to distribute more than 6 disks in some of the nodes, subject to a total of 24 disks across 4 nodes.
Certification	<b>The Server manufacturer should be enlisted within top 3 manufacturer as per the Latest IDC report</b>
<b>B) Compute Server Specifications</b>	
CPU	2 x Intel Xeon-Gold 5218 (2.3GHz/16-core/125W) or better
Chipset	Intel C622 Series Chipset or better
Memory Requirement	64 GB to be configured using 2933 MHz DDR4 RDIMMs. Adequate DIMMs to be configured to populate all memory channels in a balanced manner. Compute node should be scalable to 16 DIMMs.
Memory Scalability	Should be capable of scaling up to 512 GB Memory.
Memory protection	Advanced ECC
Hard Disk	2 x 1 TB 7.2K RPM SAS Drives
Networking	2 x 1Gbps ports with PXE boot capability & 1 x Dual Port 10G Base-T card
Management Port	1Gbps Remote Management Port
PCI-Express 3.0 slots	The compute node should have capability to be configured with at least 2 no's of PCIe -Gen3 (x8/16) low profile IO slots
OS Support	Should support RHEL6.x / SLES 11 or higher
Warranty	5Years Warranty on chassis & Servers

3) GPU and CPU Node

SI	Item	Description
<b>A) Compute Nodes chassis Specifications</b>		
1	Chassis	Vendor should offer a Server chassis / enclosure based solution which can hold dense servers(Pure CPU and GPU based compute nodes) on an average of 2U per Server, capable of getting mounted in a standard 19" 42U Rack (max depth of 1000mm). Each of the Server nodes should be individually serviceable, without shutting down the other Server nodes.

*MAR*

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To,  
Joint Registrar  
General Administration  
Tezpur University

Date: 14-7-2020

AR-GR  
NIT  
SR/GR  
NIT for Regd M

Sub: Tender for quotation invitation

Sir,

I want to invite 'quotation' for the item '**High-Performance Computing system with data storage server**' which is required for the 'Centre of Excellence' research project funded by DST entitled "Climate Change Impacts and Adaptation for a Climate Resilient North East India" under the National Mission for Sustaining the Himalayan Ecosystem (NMSHE).

The basic specifications required for the item are given below:

1) Master Node

Parameter	Required Description
Make & Model	
Processors:	2 x Intel Xeon-Silver 4110 (2.1GHz/8-core/85W)
Chipset:	Latest OEM chipset supporting an optimized for the above processor
Memory	24 Dimm Slots , 64 GB DDR4 Advanced ECC memory and upgradable to 512 GB DDR4, 2400MHz RAM or higher
Hard Disk Drives	5 x 1 TB SAS 7.2 KRPM, 12Gbps 2.5in Hot-plug Drive
HDD bays	HDD bays supporting SAS, SATA, SSD drives (Maximum HDD Support : 8 x 2.5"HDD )
I/O slots	Minimum 3 x PCI-Express 3.0 slots
RAID levels	Integrated RAID Controller, 1GB Cache, Support for RAID 0,1 ; support for RAID 5
Network Interface	1 x On-Board LOM 1GBE (Dual Port) & 1 x Dual Port 10G Base-T card
Graphics controller	Integrated Graphics with at least 16MB Video Memory
Server Management	OEM embedded controller and Server Management Tool from same OEM
Remote Management	System remote management should support browser based graphical remote console along with Virtual Power button, remote boot using USB/CD/DVD Drive
Ports:	Min 3 USB ports
Power supplies	Redundant Platinum rated Power Supply (at least 800 Watts each) to sustain above configuration.
Cooling :	Hot plug and redundant fans (Non Cabled)
Certification:	The server OEM must be ISO-14001 <b>The Server manufacturer should be enlisted within top 3 manufacturer as per the Latest IDC report</b>
Operating Systems supported:	Microsoft Windows Server, Novell SUSE Linux Enterprise Serve, Red Hat Enterprise Linux, , VMware, FCC, UL, ROHS
Warranty:	5 years onsite warranty with Back to Back support from OEM

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FORMAT FOR BANK DETAILS OF VENDOR

Name (as appear in Bank records)	
Aadhar No. (if applicable)	
GST No. (if applicable)	
PAN (mandatory)	
Complete Address : (mandatory)	
Address	
City	
District	
State	
PIN Code	
Mobile No. (mandatory)	
Email (mandatory)	
Bank A/c No. (mandatory)	
Bank Name & Branch (mandatory)	
IFS Code (mandatory)	

(Signature of vendor)  
With Seal

Bank details in the given format may be submitted along with a **Cancelled Cheque/photocopy of the Bank Passbook** (only for the first time) so as to process the payment electronically.

The Bidder shall fulfil the following Eligibility Criteria, which shall be backed by necessary documents: -

Sl. No.	Eligibility Criteria	Documentary evidence to be submitted	Documentary evidence page no(s).
1	MSME Bidders having valid registration certificate in requisite services will be exempted from paying EMD		
2	<b>GST No./ PAN / TIN</b> The bidder should have valid PAN & GST registration etc. in India or any regulatory requirement in this region.	Copy of GST Certificate	
3	The Bidder must have valid ISO Certification for IT Service support in India.	Copy of Valid ISO Certificate	
4	The bidder should have its own IT Service Office in Assam for at least last 5 years. (relevant valid Govt. documentary evidence like Trade license, Service Tax Registration etc. from respective Govt. agency should be submitted). The bidder should clearly mention Land Line Telephone Nos of their Service office(s) in Assam.		
5	Bidder should be in the business of Information Technology / System Integration for the last 5 years' in India.		
6	Bidder must be a registered Company/Firm incorporated under the Indian Companies Act 1956.		
7	The bidder must have its own technical manpower posted in their Services Centre(s) / Office(s) in Assam. The technical staff posted in North East India must be under bidder's payroll for the last 03(three) years.		
8	<b>Proof of Work Experience (Work Order):</b> Bidder should have executed a <b>Single Work Order</b> of value not less than <b>Rs. 50 Lakhs</b> or <b>2(two)</b> Work Orders of value not less than <b>Rs. 25 Lakhs</b> each for similar work over a period of three years with copy/copies of Work Order(s) and Successful Work Completion Certificate from the client.	Copy of Work Orders/LoA	
9	<b>Proof of satisfactory service (Completion of work):</b> Bidder shall submit completion certificate in respect of the experience of works claimed by bidder against proof of work experience	Certificate issued by Client	

10	<b>Tender specific Authorization Letter:</b> The bidder should attach a valid tender specific authorization letters from OEMs of items given in the Bill of Material of Tender	MAF from OEM	
11	Bidder should have Min. 2 OEM certified Engineer in their payroll for smooth implementation of the Projects. All documents PF, ESIC and valid OEM certificate has to be provided by the bidder.		
12	<b>Certificate of Incorporation</b> Articles of Memorandum of Association or Partnership Deed or Proprietorship Deed	Copy of Certificate of Incorporation	
13	<b>Average Annual Turnover:</b> Bidder should have an average annual financial turnover of at least Rs.2 Crores. (Rupees Two Crore Only) during last 3 financial years	Copy of Audited Balance Sheets for the last three years ending March 2018 must be submitted	
14	<b>Authorization Letter</b> Authorization for the official who will sign all documents on behalf of the bidder.	Authorization Letter	
15	<b>Undertaking of Non-Debarment</b> Bidder shall submit an undertaking stating that they have not been debarred for participation in any PSU/ Govt. tenders in India	Undertaking certificate	
16	<b>Contract Support Document from OEM</b> The Bidder shall have back-to-back agreement with the OEM to provide service and spare support for at least 5 years for the offered solution.	Agreement document	
17	<b>Notarized Affidavit</b> The bidder should not have been blacklisted or debarred by any organization in India or aboard for any reason. The bidder has to submit an affidavit / notary that the bidder has not been blacklisted or debarred by any organization in India or aboard.	Notarized affidavit	

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		server from inadvertent or malicious changes		
Server for Compute Node without GPU	Minimum 4	<p><b>Processors:</b> 40 Core = 2 x Intel® Xeon® Gold 5218R 2.1G</p> <p><b>Chipset:</b> Latest OEM chipset supporting an optimized for the above processor</p> <p><b>Memory:</b> 64 GB to be configured using 2666 MHz RDIMMs. Adequate DIMMs to be configured to populate all memory channels in a balanced manner. Compute node should be scalable to 16 DIMMs</p> <p><b>Hard Disk Drives:</b> 2 x 960GB SSD or more</p> <p><b>HDD Bays:</b> Minimum 8 Nos HDD bays supporting SAS, SATA, SSD Drives</p> <p><b>I/O slots:</b> Minimum 3 nos. PCIe slots or higher</p> <p><b>Network Interfaces:</b></p> <ul style="list-style-type: none"> <li>• Minimum 3 Nos of USB port and 1 VGA Port</li> <li>• Necessary PCIe adapter cards and ports for connection with the switch/s across the nodes for optimum performance</li> </ul> <p><b>Server Management:</b> OEM embedded controller and Server Management Tool from same OEM</p> <p><b>LCD panel:</b> To display system ID, status information &amp; system error code followed by descriptive text. LCD should light up in different colours during normal system operation &amp; error conditions.</p> <p><b>Server security:</b></p> <ul style="list-style-type: none"> <li>• Should provide effective protection, reliable detection &amp; rapid recovery using:</li> <li>• System lockdown feature to lock down configuration and firmware, protecting the server from inadvertent or malicious changes</li> </ul>		

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<p>Switch/s of minimum 10G capacity with all necessary accessories for optimum performance.</p>				
<p>Server Rack (made of steel material) with enclosures as per hardware specifications</p>		<p><b>Chassis:</b> Glass Door/ Metal Door/42U/800/NRS1, Side Panels/1000/42U/ Vented  <b>GPU accelerator:</b> The Chassis should be able to support Compute nodes with GPUs  <b>Cooling System:</b> 2 No. of 2 Ton AC 5 star or equivalent as per present norms of Govt. of India along with stabilizers, Time scheduler and other accessories  <b>Redundant fans:</b> Must have redundant fans</p>		
<p>UPS (minimum 10 KVA Online with minimum 1/2 hour's backup)</p>		<p><b>Surge Protection Device:</b> UPS should have integrated Type 2 surge arrester (40kA) according to EN 61643-11. It should provide Lightning Protection through equipotential bonding and eliminate transient overvoltage, originating during atmospheric discharges or switching processes. (Datasheet of SPD should be provided)  <b>Battery Back-up &amp; Other Details:</b>  The system must be capable of providing requisite battery back-up time of 30 minutes on each UPS, using 12V, VRLA Sealed Maintenance Free Batteries.  Required VAH : 8,700 VAH for 30 minutes for each UPS  Battery make:  EXIDE/QUANTA/ROCKET</p>		

**Technical Specifications cum Compliance Report**  
**(To be submitted on Company's/Firm's Letterhead Signed and Sealed)**

Items: High-Performance Computing System with Data Storage Server

Item	Qty	Detail Specifications	Compliance; Yes/No	Remarks; If any;
Server for Master Node	01	<p><b>Processors:</b> Minimum 2 x 8 Core Intel Xeon silver 4110 (2.1GHz)</p> <p><b>Chipset:</b> Latest OEM chipset supporting an optimized for the above processor</p> <p><b>Memory:</b> Minimum 64 GB DDR4 with minimum 24 DIMM Slots for future upgradability</p> <p><b>Display, Mouse &amp; Keyboard:</b> Minimum 21-inch Display with keyboard &amp; Mouse or more</p> <p><b>Hard Disk Drives:</b> Minimum 1x 960 GB SSD and 4 x 1 TB 7.2 KRPM SAS 12 Gbps 2.5in Hot plug Hard Drive</p> <p><b>HDD Bays:</b> Minimum 8 Nos HDD bays supporting SAS, SATA, SSD Drives</p> <p><b>I/O slots:</b> Minimum 3 nos. PCIe slots or higher</p> <p><b>RAID Controller:</b> Dedicated / Integrated Raid Controller Card with Minimum 1Gb Cache or more to attain maximum performance of Hard Disks RAID Array</p> <p><b>Network Interfaces and Ports:</b></p> <ul style="list-style-type: none"> <li>• Minimum 3 nos of USB port and 1 VGA Port</li> <li>• Necessary PCIe adpater cards and ports for connection with the switch/s across the nodes for optimum performance</li> </ul> <p><b>Server Management:</b> OEM embedded controller and Server Management Tool from same OEM</p> <p><b>LCD panel:</b> To display system ID, status information &amp; system error code followed by descriptive text. LCD should light up in different colours during normal system operation &amp; error conditions.</p>		

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		<p><b>Power Supply:</b> Platinum certified redundant Power Supply to support the above hardware configuration</p>		
<p>Server for Compute Node with GPU</p>	01	<p><b>Processors:</b> 40 Core = 2 x Intel® Xeon® Gold 5218R 2.1G, 20C/40T 27.5 M Cache</p> <p><b>Chipset:</b> Latest OEM chipset supporting an optimized for the above processor</p> <p><b>Memory:</b> 64 GB to be configured using 2666 MHz RDIMMs. Adequate DIMMs to be configured to populate all memory channels in a balanced manner. Compute node should be scalable to 16 DIMMs</p> <p><b>Hard Disk Drives:</b> 2 x 960GB SSD or more</p> <p><b>HDD Bays:</b> Minimum 8 Nos of HDD bays supporting SAS, SATA, SSD Drives</p> <p><b>GPU card:</b> 1 x NVIDIA Tesla V100s 32GB PCIE.</p> <p><b>Network Interface and Ports:</b></p> <ul style="list-style-type: none"> <li>• Minimum 3 Nos of USB port and 1 VGA Port</li> <li>• Necessary PCIe adpater cards and ports for connection with the switch/s across the nodes for optimum performance</li> </ul> <p><b>Server Management:</b> OEM embedded controller and Server Management Tool from same OEM</p> <p><b>LCD panel:</b> To display system ID, status information &amp; system error code followed by descriptive text. LCD should light up in different colours during normal system operation &amp; error conditions.</p> <p><b>Server security:</b></p> <ul style="list-style-type: none"> <li>• Should provide effective protection, reliable detection &amp; rapid recovery using:</li> <li>• System lockdown feature to lock down configuration and firmware, protecting the</li> </ul>		

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(केंद्रीय विश्वविद्यालय / A Central University)

कुल सचिव का कार्यालय / OFFICE OF THE REGISTRAR

तेजपुर-784028 :: असम / TEZPUR-784028 :: ASSAM

20

the bid will be rejected.

22. If the price bid format is provided in a spread sheet file like BoQ\_xxxx.xls, the rates offered should be entered in the allotted space only and uploaded after filling the relevant columns. The Price-bid BOQ template must not be modified/replaced by the bidder; else the bid submitted is liable to be rejected for this tender.
23. The bidders are requested to submit the bids through online e-tendering system to the Tender Inviting Authority (TIA) well before the bid submission end date & time (as per Server System Clock). The TIA will not be held responsible for any sort of delay or the difficulties faced during the submission of bid online by the bidders at the eleventh hour.
24. After the bid submission (i.e. after Clicking "Freeze Bid Submission" in the portal), the acknowledgement number, given by the system should be printed by the bidder and kept as a record of evidence for online submission of bid for the particular tender and will also act as an entry pass to participate in the bid opening date.
25. The time settings fixed in the server side & displayed at the top of the tender site, will be valid for all actions of requesting, bid submission, bid opening etc., in the e-tender system. The bidders should follow this time during bid submission.
26. All the data being entered by the bidders would be encrypted using PKI encryption techniques to ensure the secrecy of the data. The data entered will not be viewable by unauthorized persons during bid submission & not be viewable by any one until the time of bid opening.
27. Any bid document that is uploaded to the server is subjected to symmetric encryption using a system generated symmetric key. Further this key is subjected to asymmetric encryption using buyers/bid openers' public keys. Overall, the uploaded tender documents become readable only after the tender opening by the authorized bid openers.
28. The confidentiality of the bids is maintained since the secured Socket Layer 128-bit encryption technology is used. Data storage encryption of sensitive fields is done.
29. The bidder should logout of the tendering system using the normal logout option available at the top right-hand corner and not by selecting the (X) exit option in the browser.
30. For any queries regarding e-tendering process, the bidders are requested to contact as provided in the tender document. Parallely for any further queries, the bidders are asked to contact over phone: 180030702232 or send a mail over to [cppp-nic@nic.in](mailto:cppp-nic@nic.in).

  
Assistant Registrar-GA  
Tezpur University



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तेजपुर-784028 :: असम / TEZPUR-784028 :: ASSAM

21

items should be mentioned in the quotation. Similarly, all partnerships for maintenance shown as part of the above qualifying criteria must be in existence before the publication of this tender. Documentary proof of this must be provided. The purchaser reserves the right to reject a bid as non-responsive if not satisfied with the level of support as detailed above.

**iv. Manufacturer's Authorization Certificate:**

The OEM should authorize the bidder to participate in the quote. Original copy of the MAF specific to the NIQ has to be submitted along with the tender.

**v. Technical Criteria**

Technical bids will be evaluated and ranked by the award Accepted & Rejected. The price bids of Accepted vendors would then be considered by the concerned Purchase Committee of the institute.

**32. ADDITIONAL TERMS FOR IMPORTED GOODS:**

Following additional terms will be applicable in case of foreign supply:

a) **Rates:** Rates quoted should be on **DELIVERED DUTY PAID basis**, with break-ups as per details given in the BOQ,

b) **Exchange rate:** Rate of foreign exchange shall be the rate prevailing on the date of Purchase Committee Meeting.

c) While transshipment will be allowed, **part shipment will not be allowed.**

d) **Payment:** By an irrevocable Letter of Credit at CIF/CIP Kolkata value negotiable through any overseas branch of State Bank of India with unrestricted provision. 90% of payment will be released on receipt of the shipping document and balance 10% after receipt of consignment. LoC will be established on receipt of Order acknowledgment, Proforma Invoice and Performance Bank Guarantee (PBG).

e) **Agency Commission:** The percentage of ex-works value to be paid to Indian agent in equivalent Indian currency as agency commission as applicable if any will have to be clearly stated in the quotation.

f) **Country of Origin:** While Country of Origin will have to be stated in the Original Invoice for payment through LoC.

g) **LoC Amendment:** LoC amendment charges due to mistake on the part of the supplier, if any, will have to be borne by the supplier.

h) Any query related to Technical Specifications, Instruction to Bidders and Terms & Conditions must be made before 7 working days of last date of submission of bids to Stores & Purchase Section, Tezpur University.

33. Applications for release of EMD should be submitted to the Registrar/ Joint Registrar-GA/Assistant Registrar-GA, Tezpur University. A copy of the Bank Mandate/Bank Details as per **Annexure-II** shall have to be enclosed with the letter enabling to release/refund the EMD amount.

34. Apart from the above terms and conditions the University has the right to include any other terms and conditions as and when felt necessary.

35. The Bidder shall have to submit an undertaking accepting/agreeing to the Terms and Conditions of the Tender and upload the same alongwith the Bid, failing which the Bid will be considered as incomplete and liable for rejection.

**INSTRUCTIONS TO BIDDERS FOR ONLINE BID SUBMISSION**

Instructions to the Bidders to submit the bids online through the Central Public Procurement Portal for e Procurement at <http://eprocure.gov.in/eprocure/app>

*Signature*



## तेजपुर विश्वविद्यालय / TEZPUR UNIVERSITY

(केंद्रीय विश्वविद्यालय / A Central University)

### कुल सचिव का कार्यालय / OFFICE OF THE REGISTRAR

तेजपुर-784028 :: असम / TEZPUR-784028 :: ASSAM

1. Possession of valid Digital Signature Certificate (DSC) and enrollment/registration of the agencies/bidders on the e-Procurement/e-tender portal is a prerequisite for e-tendering.
2. Bidder should do the enrollment in the e-Procurement site using the "Online Bidder Enrollment" option available on the home page. Portal enrollment is generally free of charge. During enrollment/registration, the bidders should provide the correct/true information including valid email id. All the correspondence shall be made directly with the agency/bidder through email id provided.
3. Bidder need to login to the site through their user ID/ password chosen during enrollment/registration.
4. Then the Digital Signature Certificate (Class II or Class III Certificates with signing key usage) issued by SIFY/TCS/nCode/eMudra or any Certifying Authority recognized by CCA India on eToken/SmartCard, should be registered.
5. The DSC that is registered only should be used by the bidder and should ensure safety of the same.
6. Agency/Bidder may go through the tenders published on the site and download the required tender documents/schedules for the tenders he/she is interested.
7. After downloading / getting the tender document/schedules, the Bidder should go through them carefully and then submit the documents as asked, otherwise bid will be rejected.
8. If there are any clarifications, this may be obtained online through the tender site, or through the contact details. Bidder should take into account the corrigendum published before submitting the bids online.
9. Bidder then logs in to the site through the secured log in by giving the user id/ password chosen during enrolment/registration and then by giving the password of e-Token/Smartcard to access DSC.
10. Bidder selects the tender which he/she is interested in by using the search option & then moves it to the 'my tenders' folder.
11. From my tender folder, he selects the tender to view all the details indicated.
12. It is construed that the bidder has read all the terms and conditions before submitting their offer. Bidder should go through the tender schedules carefully and upload the documents as asked; otherwise, the bid will be rejected.
13. Bidder, in advance, should get ready the bid documents to be submitted as indicated in the tender documents/schedule and generally, they can be in PDF/xls/rar/jpg/dwf formats. If there is more than one document, they can be clubbed together and can be provided in the requested format. Bidders Bid documents may be scanned with 100 dpi with black and white option. It is advisable that each document to be uploaded through online for the tenders should be less than 2 MB. If any document is more than 2MB, it can be reduced through rar and the same can be uploaded, if permitted. However, if the file size is less than 1 MB the transaction uploading time will be very fast.
14. If there are any clarifications, this may be obtained through the site. Bidder should take into account the corrigendum published from time to time before submitting the online bids.
15. The Bidders can update well in advance, the documents such as certificates, annual report details etc., under My Space option and these can be selected as per tender requirements and then send along with bid documents during bid submission. This will facilitate the bid submission process faster by reducing upload time of bids.
16. Bidder should submit the Tender Fee/EMD as specified in the tender. The original should be posted/couriered/given in person to the Tender Inviting Authority, within the bid submission due date & time for the tender or as indicated in the tender. Scanned copy of the instrument should be uploaded as part of the offer.
17. While submitting the bids online, the bidder reads the terms & conditions and accepts the same to proceed further to submit the bid packets.
18. The bidder has to select the payment option as offline to pay the Tender Fee/EMD as applicable and enter details of the instruments.
19. The details of the DD/ any other accepted instrument, physically sent, should tally with the details available in the scanned copy and the data entered during bid submission time. Otherwise submitted bid will not be acceptable or liable for rejection.
20. The bidder has to digitally sign and upload the required bid documents one by one as indicated. Bidders to note that the very act of using DSC for downloading the bids and uploading their offers shall be deemed to be a confirmation they have read all sections and pages of the bid document including General conditions of contract without any exception and have understood the entire document and are clear about the requirements of the tender requirements.
21. The bidder has to upload the relevant files required as indicated in the cover content. In case of any irrelevant files,

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तेजपुर-784028 :: असम / TEZPUR-784028 :: ASSAM

22

15. **Quality Certificates:** Valid certificate to prove that the products are genuine and of International standard, as mentioned below, must be uploaded: (a) Manufacturer's certificate; (b) ISO/ISI certificate.
16. **Performance Bank Guarantee:** If PO value is above Rs.5 Lakhs, the successful bidder, to whom the PO is placed, shall furnish an unconditional Performance Bank Guarantee from a scheduled Bank of India, for 10% of the Purchase Order value, alongwith the Bill/Invoice. The format for PBG if required; will be provided on request. In case of foreign purchase, the local Agent shall submit the PBG. Where the PBG is to be necessarily given by a foreign bank it shall be endorsed by its counterpart in India. Validity of the PBG, which shall be effective from the date mentioned therein, shall be *warranty period + 2 months before and 3 months after the warranty period.*
  - a. **By submitting the PBG, the vendor is understood to have guaranteed that,**
    - i. The Purchase Order (PO) shall be executed as per terms and conditions mentioned therein.
    - ii. The vendor shall at his/their own cost rectify/replace the defects, if any, during the guarantee period.
    - iii. The guarantee is to the extent of 10% of the order value.
  - b. **Condition for invoking PBG:** In case of failure to comply with the guarantees above, Tezpur University, Napam, Tezpur may terminate the contract / purchase order in whole or in part and forfeit the PBG. In addition, Tezpur University, Napam, Tezpur, at its discretion, procure upon such terms and in such manner as it deems appropriate, goods similar to the undelivered items/products and the defaulting supplier/vendor shall be liable to compensate Tezpur University, Napam, Tezpur for any extra expenditure involved."
17. **Genuine Pricing:** Vendor is to ensure that quoted price is not more than the price offered to any other customer in India to whom this particular item has been sold, particularly to Universities/IITs/Institutes and other Government Organization.
18. **Payment:** 100% payment after successful delivery, installation and commissioning and acceptance by the user. **Please note that as per University's norm advance payment is not allowed for indigenous purchase.**
19. **PENALTY FOR DELAYED DELIVERY:** The date of delivery should be strictly adhered to. In the event of delayed delivery, installation & commissioning, the vendor shall be liable for a penalty deduction as per prevailing rule
20. Demonstration may be sought from the vendors for authentication of quoted specification.
21. The University is exempted from paying Custom and Excise duty.
22. Warranty/Guarantee period should be specifically mentioned in the quotation.
23. No Advance payment will be made. However, for foreign supplies, advance payment will be made either by LoC. In such cases 10% Performance Bank Guarantee should be submitted before opening of the LoC.
24. Items of Foreign origin should have Insurance up to installation on site.
25. The University reserves the right to accept or reject any or all the quotations without assigning any reason.
26. Irresponsive/incomplete quote will be rejected.
27. **Award:** The Final Award will be given to the vendor, selected by the Purchase Committee on the lowest quote basis.
28. **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. Printed conditions mentioned in the tender bids submitted by vendors will not be binding on Tezpur University.

*Chauhan*



तेजपुर विश्वविद्यालय / TEZPUR UNIVERSITY

(केंद्रीय विश्वविद्यालय / A Central University)

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29. **Enquiry during the course of evaluation not allowed:** No enquiry shall be made by the bidder(s) 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 (Tezpur University) can make any enquiry/seek clarification from the bidders. In such a situation, the agency shall extend full co-operation. The bidders may also be asked to arrange demonstration of the offered items, in a short period notice, as such the bidders have to be ready for the same.

30. **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.

**Termination for default:** Default is said to have occurred

- a. If the equipment or any of its component is found having poor workmanship, faulty designs, poor performance and bad quality of materials used.
- b. If the supplier fails to deliver any or all of the services within the time period(s) specified in the purchase order or any extension thereof granted by Tezpur University.
- c. If the supplier fails to perform any other obligation(s) under the contract.
- d. Under the above circumstances Tezpur University may terminate the contract / purchase order in whole or in part and forfeit the EMD/PBG as applicable. In addition to above, Tezpur University may at its discretion also take the following actions: Tezpur University may procure, upon such terms and in such manner, as it deems appropriate, goods similar to the undelivered items/products and the defaulting supplier shall be liable to compensate Tezpur University for any extra expenditure involved towards goods and services obtained. Besides, the Vice-Chancellor, Tezpur University, reserves the right to impose any other form of penalty as deemed fit including blacklisting of the vendor.

31. **Selection criteria:**

i. **Evaluation Criteria:**

To ensure that each bidder has the necessary qualifications and resources to fulfil its obligations under the contract, the following criteria shall be evaluated. The Eligibility, Financial, Experience & Support criteria should be passed before the technical criteria. Technical criteria will be evaluated and ranked by the award of ACCEPT and/or REJECT. Only the ACCEPTED vendors will be considered for price bid. In case a joint venture makes a bid, any one of the members of the joint venture need to be qualified for each of the criteria mentioned below.

ii. **Eligibility Criteria:**

- a. The bidder or the OEM should not be blacklisted by Tezpur University or any other Educational /R&D/ PSU/ Govt organizations. A certificate or undertaking to this effect must be submitted.

**Note:** The bidders should provide sufficient documentary evidence to support the eligibility criteria.

iii. **Support Criteria:**

The Bidder must have experience of supply and maintenance facilities and must have qualified support staff and resident engineers that can provide maintenance support for the hardware and software items concerned and all the items quoted must be covered by these facilities. List of spare

*Op*



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23

**NOTICE INVITING QUOTATION (NIQ)**

**ET-NIQ-2442-DT-01/12/2020**

Online Tenders in 02 Bid System (Technical and Financial) are invited from reputed manufacturer/authorized dealers for Supply and installation & commissioning etc. of the following item required for the DST-CoE Project of Dr. Ashalata Devi, Department of Environmental Sciences, Tezpur University.

Please read the NIQ document carefully before participating. It shall be deemed that submission of bid by the bidder has been done after their careful study and examination of the NIQ terms with full understanding to its implications. Any lack of information shall not in any way relieve the bidder of its responsibility to fulfill its obligations under the Bid.

The University will reject a proposal for award if it determines that the bidder recommended for award has engaged in corrupt or fraudulent practices in competing for, or in executing, the Purchase Order. Fraudulent Practice means a misrepresentation of facts in order to influence a procurement process and includes collusive practice among bidders (prior to or after Bid submission) designed to establish Bid prices at artificial non-competitive levels and to deprive Tezpur University of the benefits of free and fair competition. Corrupt Practice means offering, giving, receiving or soliciting of anything of value, pressurizing to influence the action of a public official in the process of this purchase execution.

For any queries/doubt please contact the Stores & Purchase Section (e-mail: snp@tezu.ernet.in).

**Items:**

Sl. No.	Items	Quantity	Approximate Unit Price in ₹
1	High-Performance Computing System with Data Storage Server	01 No.	60 Lacs

**(Detail Technical Specification/Compliance Sheet and BoQ are attached/uploaded separately)**

**General Information about the NIQ**

Last date and time for submission of Bids: 22.12.2020 (2.00 PM)

Date and Time of opening of Bids: 23.12.2020 (2.00 PM)

Place of Opening of Bids: Tezpur University

**GENERAL TERMS & CONDITIONS:**

1. No separate tender paper will be issued from the office; one should only download the specifications from the CPP Portal of Govt. of India or the Tezpur University website (www.tezu.ernet.in).

01/12/20



तेजपुर विश्वविद्यालय / TEZPUR UNIVERSITY

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2. **GST:** As per Gol Notification dated 14.11.2017 GST % for Public Funded Research Institution or a University has been reduced to 5% for certain goods and services. Hence, reduced rate of GST shall be paid if applicable on the tendered items. Exemption Certificate will be provided on request.
3. **Rates:** Rates quoted should be on **FOR Tezpur University, Napam, Tezpur, Door Delivery Basis**, for indigenous items and **CIP Tezpur University, Napam, Tezpur or Delivered Duty Paid**, for imported item. Failure to comply with this term may lead to rejection of the quotation.
4. **Quotations should be accompanied by** i) An **EMD (in the form of Demand Draft/Banker Cheque)** for ₹ 1,20,000.00 (Rupees One Lac Twenty Thousand) only drawn 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/participation) fee of ₹ 3000.00 (Rupees Three Thousand) only must be paid only by Demand Draft/Banker Cheque drawn in favour of Registrar, Tezpur University payable at Tezpur. iii) **The original copies of the EMD & Quotation/Participation Fee should be deposited/submitted/reach the office of the undersigned before opening of the Bids in an envelope superscribed as "Quotation/Participation Fee and EMD for ET-NIQ-2442.....DT-01/12/2020..... addressed to the Assistant Registrar-GA, Tezpur University. Failure to do so may result in rejection of the bid.**
5. **Exemption:** To Bidders who are MSME/NSIC registered may claim exemption from payment of EMD only subject to submission of valid documents in support of their claim. Bidders seeking exemption are asked to clearly mention the category under which exemption is claimed. The category of exemption under MSME/NSIC will be strictly adhered to. **Payment of tender fee is a must and is not exempted. However, the University will make provisions for the tender documents free of cost in its website as well as in CPP Portal.**
6. The rates should be exclusive of taxes and applicable tax % should be clearly indicated.
7. **Validity of Quotation:** Quoted rates must be valid for at least **180 days** from the last date of submission of quotation.
8. Applicable levies, surcharge and discounts should be clearly indicated item wise.
9. The rates should be quoted along with supporting documents of specifications and technical features and list of users, wherever applicable.
10. The system must be installed at the laboratory wherever applicable, and after installation a basic training must also be provided by the supplier or their Indian counterpart without any additional costs.
11. **Literature a must:** 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. The model and specifications quoted should **invariably be highlighted** in the leaflet/literature for easy reference.
12. **Technical Evaluation:** Technical bids will be evaluated and ranked by the award ACCEPT & REJECT. The price bids of ACCEPTED vendors would then be considered by the concerned Purchase Committee of the institute.
13. **After Sales Service Guidelines:** In case of imported goods, bidders should clearly state the detailed address, contact number and email ids of 'after sales service centre' preferably in Tezpur/Guwahati, India or any place in Assam without which their offers shall be liable for rejection. Service against any complaint must be provided within 24 hours.
14. **Dealership Certificate:** Dealers or Agents quoting on behalf of Manufacturer must upload valid dealership certificate.

2A

**Basic Details**

Organisation Chain	Tezpur University		
Tender Reference Number	ET-NIQ-2442-DT-01-12-2020		
Tender ID	2020_TEZU_600442_1		
Tender Type	Open Tender	Form of contract	Supply
Tender Category	Goods	No. of Covers	2
General Technical Evaluation Allowed	No	ItemWise Technical Evaluation Allowed	No
Payment Mode	Offline	Is Multi Currency Allowed For BOQ	No
Is Multi Currency Allowed For Fee	No	Allow Two Stage Bidding	No

**Payment Instruments**

Offline	S.No	Instrument Type
	1	Bankers Cheque
	2	Demand Draft

**Cover Details, No. Of Covers - 2**

Cover No	Cover	Document Type	Description
1	Fee/PreQual/Technical	.pdf	Tender Fee and EMD details
		.pdf	Annexure-I Eligibility Criteria with supporting documents
		.pdf	Annexure-II Vendor Details
		.pdf	Technical Bid and all other documents
2	Finance	.xls	Price Bid

**Tender Fee Details, [Total Fee in ₹ \* - 3,000]**

Tender Fee in ₹	3,000	Fee Payable At	Tezpur
Fee Payable To	Registrar, Tezpur University		
Tender Fee Exemption Allowed	No		

**EMD Fee Details**

EMD Amount in ₹	1,20,000	EMD through BG/ST or EMD Exemption Allowed	Yes
EMD Fee Type	fixed	EMD Percentage	NA
EMD Payable To	Registrar, Tezpur University	EMD Payable At	Tezpur

**Work /Item(s)**

Title	High Performance Computing System with Data Storage Server required for DST-CoE Project of Dr. As Devi, Department of Environmental Science, Tezpur University				
Work Description	High Performance Computing System with Data Storage Server required for DST-CoE Project of Dr. As Devi, Department of Environmental Science, Tezpur University				
Pre Qualification Details	As per tender documents				
Independent External Monitor/Remarks	NA				
Tender Value in ₹	60,00,000	Product Category	Computer- Data Processing	Sub category	HPC
Contract Type	Tender	Bid Validity(Days)	180	Period Of Work(Days)	90
Location	Tezpur University	Pincode	784028	Pre Bid Meeting Place	NA
Pre Bid Meeting Address	NA	Pre Bid Meeting Date	NA	Bid Opening Place	Tezpur University

Should Allow NDA Tender	No	Allow Preferential Bidder	No
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**Critical Dates**

Publish Date	02-Dec-2020 03:45 PM	Bid Opening Date	23-Dec-2020 02:00 PM
Document Download / Sale Start Date	02-Dec-2020 03:45 PM	Document Download / Sale End Date	22-Dec-2020 02:00 PM
Clarification Start Date	NA	Clarification End Date	NA
Bid Submission Start Date	02-Dec-2020 03:45 PM	Bid Submission End Date	22-Dec-2020 02:00 PM

**Tender Documents**

NIT Document	S.No	Document Name	Description	Document Size (in KB)
	1	Tendernotice_1.pdf	Notice	2062.65

Work Item Documents	S.No	Document Type	Document Name	Description	Document Size (in KB)
	1	BOQ	BOQ_630856.xls	Price Bid Format	285.50
	2	Additional Documents	BiddersEligibilityCriteria.pdf	Annexure-I Eligibility Criteria Format	445.56
	3	Additional Documents	Annexure-II.pdf	Annexure-II Vendor Details Format	184.07
	4	Tender Documents	TechSheet2.pdf	TechSheet	741.30

**Tender Inviting Authority**

Name	Assistant Registrar (GA)
Address	Tezpur University, Tezpur 784028, Assam

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25

"Pranjal Kr. Borah" <poll@tezu.ernet.in>

[Fwd: Re: [Fwd: Government Provision regarding Bid Security/ Earnest Money Deposit ----- Tender Ref No: ET-NIQ-2442; Dated: 01-12-2020]]

Tue, December 15, 2020 11:21 am

snp@tezu.ernet.in

26

----- Original Message -----
Subject: Re: [Fwd: Government Provision regarding Bid Security/ Earnest Money Deposit ----- Tender Ref No: ET-NIQ-2442; Dated: 01-12-2020]
From: "Dr. Upakul Sarmah (Tezpur University)" <upakul@tezu.ernet.in>
Date: Tue, December 15, 2020 10:11 am
To: "Pranjal Kr. Borah" <poll@tezu.ernet.in>
Cc: hridoy@tezu.ernet.in
"upakul" <upakul@tezu.ernet.in>

May amend accordingly.

> For advise please

> ----- Original Message -----
> Subject: [Fwd: Government Provision regarding Bid Security/ Earnest Money Deposit ----- Tender Ref No: ET-NIQ-2442; Dated: 01-12-2020]
> From: "Biren Das" <biren@tezu.ernet.in>
> Date: Tue, December 15, 2020 9:33 am
> To: upakul@tezu.ernet.in
poll@tezu.ernet.in

> ----- Original Message -----
> Subject: Government Provision regarding Bid Security/ Earnest Money Deposit ----- Tender Ref No: ET-NIQ-2442; Dated: 01-12-2020
> From: "Marketing BMG" <marketing@bmginformatics.co.in>
> Date: Mon, December 14, 2020 6:54 pm
> To: biren@tezu.ernet.in
"Pranjal Kr. Borah" <poll@tezu.ernet.in>
fotu@tezu.ernet.in
kumarj@tezu.ernet.in
hridoy@tezu.ernet.in
upakul@tezu.ernet.in
anamikapegu@tezu.ernet.in
snp@tezu.ernet.in
Cc: "BARNALI GOGOI" <barnali@bmginformatics.co.in>
"venkat bmg" <venkatbmg@gmail.com>

A/R (S/A)
Carryendum notice for regn. by
15/12/2020
Sign. Up 15/12/20

> \*To\*
> \*The Registrar\*
> \*Tezpur University.\*
>
> \*Sub:\* Government Provision regarding Bid Security/ Earnest Money Deposit
>
> \*Tender Ref No: \*ET-NIQ-2442; Dated: 01-12-2020
>
> \*Office Memorandum No:\* F.9/4/2020-PPD \*Dated\* 12th Nov. 2020 issued from
> Dept. of Finance Government of India

> Dear Sir,

> With reference to the Above Tender for High Performance Computing System
> with Data Storage Server, an Earnest Money Deposit of Rs. 1,20,000/-
> (Rupees One Lakh Twenty Thousand) Only has been asked for in the Bid.

> In this regard we would like to bring to your notice regarding an Office
> Memorandum issued by Department of Finance Government of India regarding
> relaxation from paying EMD by MSME registered bidders.

> Looking into the pandemic scenario which has led to slowing down of
> India's
> economy, the Department of Finance Govt. of India has issued a memorandum
> to all concerned departments and organizations directing relaxation
> towards
> submission of Bid Security/ Earnest Money Deposit. The Government of India
> has instructed to ask for a "Bid Security Declaration" from the
> bidders in
> lieu of the Bid Security wherein the bidder would accept that if they
> withdraw or modify their bids during period of validity etc., they would
> be
> suspended for the time specified in the tender documents.

> The Memorandum is enclosed along with this letter for your reference.

> The Government of India vide the memorandum has directed the purchasers
> not
> to keep the provision of Bid Security and to ask for Bid Security
> Declaration in the tender document. This provision would be applicable
> till
> 31.12.2021 on all tenders.

>  
>  
> Hence, request you to amend the Bid Document by removing the requirement  
> of  
> Earnest Money  
>  
> Deposit and ask for a Bid Security Declaration in the above referred Bid.  
>  
>  
>  
> Thanking You and assuring you of our best services always.

>  
>  
> [image: bmg logo small.png]

> BMG Informatics Pvt. Ltd.

> Disha Enclave, Arunodoy Path, Christianbasti,

> Guwahati, Assam - 781005

> \*Regards

> \*Venkat\*

> \*Sales Executive\*

> Phone: 8011872092

> [venkatbmg01@gmail.com](mailto:venkatbmg01@gmail.com)

> [marketing@bmginformatics.co.in](mailto:marketing@bmginformatics.co.in)

> <<http://www.bmginformatics.com>>

> <<https://www.google.co.in/maps/place/BMG+INFORMATICS+PVT+LTD/@26.156034,91.7753313,17z/data=!4m5!3m4!1s0x375a5913e876c52b:0xc8dbe4e2402ea709!8m2!3d26.156034!4d9>>

> Regards,

> Biren Das

> Registrar

> Tezpur University

> Tezpur, ASSAM

> Phone - +91 3712-267004, 273101

> Fax- +91 3712-267005

> \* \* \* D I S C L A I M E R \* \* \*

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> -----  
> Pranjal Kr. Borah

> Section Officer

> Stores & Purchase Section

> Tezpur University

> Tel- 03712-273114 Extn. 3114  
> -----

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With Best Regards,

Upakul Sarmah

Assistant Registrar (GA)

Tezpur University (A Central University),

PO - Napaam, Tezpur, Assam 784028

INDIA

Ph +91 3712 27 3105

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destroyed, delayed, or may contain viruses. The recipient must verify the  
integrity of this e-mail message.

-----  
Pranjal Kr. Borah

Section Officer

Stores & Purchase Section

Tezpur University

Tel- 03712-273114 Extn. 3114  
-----



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(केंद्रीयविश्वविद्यालय/A Central University)  
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27

**CORRIGENDUM NOTICE**

(ET-NIQ-.....2724 DT- 15/12/2020.)

The following corrigendum is made in the Tender notice NIQ No. **ET-NIQ-2442; DT-01.12.2020** (Tender ID: **2020\_TEZU\_600442\_1**) for High-Performance Computing System with Data Storage Server:

Page 2

4. i. As per Government of India office memorandum no. (F.9/4/2020-PPD) dated 12.11.2020 bidders may submit "Bid Security Declaration" instead of **Earnest Money Deposit (EMD)**

The other contents of the NIQ remain unaltered.

*U. Prasad*  
15/12/2020  
Assistant Registrar (GA)

Tezpur University

Memo No: TU/11-24/Pur/Qtn(ET)/2020-21/ 2724

Copy Information to:

1. Webmaster, Tezpur University for uploading the notice in the website.
2. Dr. Ashalata Devi, Department of Environmental Science.
3. File

Dated:- 15/12/2020

*U. Prasad*  
15/12/2020  
Assistant Registrar (GA)

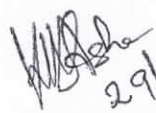
28

TU/Env/pwr/3392 dated 30/12/2020.

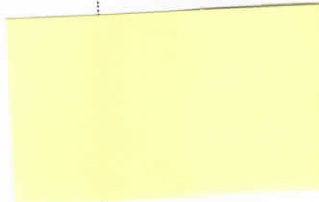
High Performance Computing System is one of the sanctioned item under the Equipment head of the DST's Centre of Excellence project 'Climate change impacts and adaptation for a climate resilient Northeast India'. For procurement of this item, e-tendering was given through proper procedure. Then, only two (02) bids have been received for the same item.

Therefore, I request you to kindly allow opening these two bids on priority basis.

Submitted for your kind approval.

  
29/12/2020  
Ashalata Devi  
(PI of the project)

Approved  
W  
30/12/2020



29

**ET-NIQ-2442; DATED 01.12.2020**  
**Corrigendum Vide ET-NIQ-2724; Dated 15.12.2020**  
**TENDER OPENING SUMMARY**

In response to the above NIQ, only 02 online bids were received from the following parties and bid opened as per details mentioned below:

Sl No	Bids Received From	Accepted/Rejected	Quotation/ Participation Fee	EMD	Remarks
1	Converge Systems & Services Pvt. Limited	Admitted for further evaluation	Paid	Paid	-
2	BMG Informatics Pvt. Ltd.	Admitted for further evaluation	Paid	Exemption Claimed	Exemption documents to be verified during evaluation

**Important Note:** *While verifying the Exemption documents, Store & Purchase Section may be consulted before finalizing the evaluation process.*

  
Joint Registrar  
Tezpur University

  
11/12/20

uploaded on  
31/12/2020

30

**Converge Systems & Services Pvt. Ltd.**  
House No. 7, 2nd Floor, Jayanagar Road,  
Six Mile, Guwahati-781022, Assam, India.  
Tel.: +91-361-2231181  
www.convergesystems.co.in

Ref: CSSPL/RKB/2020-21/30

Date: 21/12/2020

To,  
The Assistant Registrar -GA  
Tezpur University, Nappam  
Tezpur-784028, Assam

Sub: Submission of EMD & Tender Fee

Ref: Tender No.:ET-NIQ-2442 Dated 01.12.2020  
Corrigendum no.ET-NIQ-2724 DT 15.12.2020

Dear Sir,

With Reference to your above mentioned Tender we are enclosing herewith Earnest Money Deposit of Rs. 1,20,000.00/- (Rupees One Lakh Twenty Thousand Only) only vide DD No. 573341 Dated 17.12.2020 and a tender Fee of Rs. 3000.00/- (Rupees Three Thousand) only vide DD No. 573342 Dated 17.12.2020 so as to enable us to bid against the said Tender.

Thanking you and assuring our best services.

For **Converge Systems and Services Pvt. Limited**

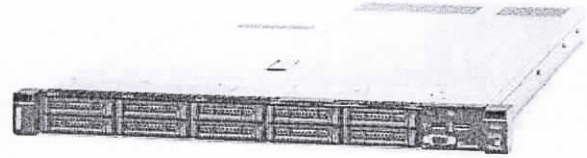


Ridip Kumar Baruah  
Phone No.: 9435707863  
Email: ridip@convergesystems.co.in

31

# ThinkSystem SR630

## Built for business-critical versatility



### Highly Versatile

Featuring the largest storage capacity and highest performance in Lenovo's 1U server portfolio, Lenovo ThinkSystem SR630 excels at many workloads.

SR630 helps you: 1) transform resources into services, using validated designs for hybrid cloud; 2) perform analytics on streaming data, using validated designs for Big Data; 3) improve performance of virtualized transactional systems, using validated designs for OLTP databases; or 4) simplify storage scale-out, using configuration guides for hyperconverged infrastructure (HCI) or software-defined storage (SDS).

### Highly Flexible

ThinkSystem SR630 includes support for Intel® Optane™ DC Persistent Memory and up to two second-generation Intel® Xeon® Processor Scalable family CPUs that deliver up to 36% total performance improvement over the previous generation.\* It has up to four§ PCIe 3.0 slots for I/O flexibility. Unique Lenovo AnyBay technology provides optimized storage flexibility and performance, with up to 12 2.5" or 4 3.5" SAS/SATA HDDs/SSDs.

Four direct-connect NVMe ports on the motherboard provide ultra-fast read/writes with NVMe drives and reduce costs by eliminating PCIe switch adapters. Plus, storage can be tiered for greater application performance, to provide the most cost-effective solution.

Optional mirrored M.2 boot drives ensure reliability and quick OS initialization. SR630 also supports modular LOM, ML2, and PCIe network adapters. To reduce energy costs, it features 80 PLUS Platinum and Titanium PSUs, and continuous operation at 45°C.

### Secure and Easily Managed

Lenovo ThinkShield is a comprehensive end-to-end approach to security that begins with development and continues through supply chain and the full life cycle of the device. From the data center to the edge of the network our priority is protecting your business with each product.

Lenovo XClarity Controller features an uncluttered graphical user interface, industry standard Redfish-compliant REST APIs, and enables booting in half the time of prior generation servers, with up to 6x faster firmware updates.

Lenovo XClarity Administrator is a virtualized application that centrally manages ThinkSystem servers, storage, and networking. Via reusable patterns and policies, it ramps up and scales infrastructure provisioning and maintenance. It serves as a central integration point to extend your data center management processes to physical IT. Running XClarity Integrators in external IT applications, or integrating through REST APIs, helps you further speed services provisioning, streamline IT management, and contain costs.

Lenovo

WWW.LENVO.COM

# ThinkSystem



## Server Rack & Cooling System

Qty: 01 No.

SL	Features	Specification	Our Offered Specifications	Remarks
<b>42U Server Rack (made of steel material) with enclosures as per hardware specification</b>				
1	Make & Model		Netrack - NRS1 Series	Complied in 42U Server Rack
	Chassis	Glass Door/Metal Door/42U/800/NRS1	Glass Door/Metal Door/42U/800/NRS1	Complied in 42U Server Rack
		Side Panels/1000/42U/Vented	Side Panels/1000/42U/Vented	Complied in 42U Server Rack
2	GPU accelerator	The Chassis should be able to support Compute nodes with GPUs	The Chassis should be able to support Compute nodes with GPUs	<b>Complied for all quoted Compute Nodes (Lenovo SR650 &amp; Lenovo SR630). The quoted product fully supports GPU accelerator for Future GPU upgrades</b>
<b>Cooling System</b>				
	Make & Model		Hitachi - kashikoi 5100x datasheet pdf	Complied
3	Cooling System	2 No. of 2 Ton AC 5 star or equivalent as per present norms of Govt. of india along with stablizers. Time schedular and other accessories	2 No. of 2 Ton AC 5 star as per present norms of Govt. of india along with stablizers. Time schedular and other accessories	<b>Complied .The quoted product has been provided with time Scheduler unit which can be used to switch on and switch off an air conditioner all at a time or alternatively as per customer requirement</b>
4	Redundant fans	Must have redundant fans	system with redundant fans	Complied



For BMG Informatics Pvt. Ltd.  
 Venkat Chalapathi  
 Mobile: 8011872092.  
 E-mail: marketing@bmginformatics.co.in

Office: Deesha Enclave, 1<sup>st</sup> Floor. Near Adam plaza, Annexe Building, Arunday Path.  
 ChristianBasti, Guwahati, PIN: 781005 Phone: 0361-2340136

**UPS (minimum 10 KVA Online with minimum 1/2 hour's backup)**

Qty: 01 No.

SL	Features	Specification	Our Offered Specifications	Remarks
1	<b>Make &amp; Model</b>		<b>Orion - Astra Series</b>	<b>Complied</b>
2	<b>Surge Protection Device</b>	UPS Should have integrated Type 2 surge arrester (40 kA) according to EN 61643.11. It should provide Lighting Protection through equipotential bonding and eliminate transient overvoltage, originating during atmospheric discharges or switching processes. <b>(Datasheet of SPD should be provided)</b>	UPS Should have integrated Type 2 surge arrester (40 kA) according to EN 61643.11. It should provide Lighting Protection through equipotential bonding and eliminate transient overvoltage, originating during atmospheric discharges or switching processes. <b>(Datasheet of SPD Enclosed)</b>	<b>Complied</b>
3	<b>Battery Back-up &amp; Other Details</b>	The systems must be capable of providing requisite battery backup time of 30 minutes on each UPS, using 12V, VRLA Sealed Maintenance Free Batteries, Required VAH: 8,700 VAH for 30 minutes for each UPS Battery <b>EXIDE/QUANTA/ROCKET</b>	The systems must be capable of providing requisite battery backup time of 30 minutes on each UPS, using 12V, VRLA Sealed Maintenance Free Batteries, Required VAH: 8,700 VAH for 30 minutes for each UPS Battery <b>Make: EXIDE</b>	<b>Complied</b>
4	<b>Warranty</b>		03 Years Warranty for Both UPS & Batteries	<b>Complied</b>



For BMG Informatics Pvt. Ltd.  
 Venkat Chalapathi  
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 E-mail: [marketing@bmginformatics.co.in](mailto:marketing@bmginformatics.co.in)

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 ChriastianBasti, Guwahati, PIN: 781005 Phone: 0361-2340136

### Server for Compute Node without GPU

Qty: 04 Nos.

SL	Features	Tender Specification	Our Offered Specifications	Remarks
1	Make & Model		Lenovo - ThinkSystem SR 630	Complied
2	Processors:	40 Core = 2 x Intel Xeon Gold 5218R 2.1 G	40 Core (Intel® Xeon® Gold 5218R Processor 27.5M Cache; Base Frequency 2.10 GHz; 125 W; Max Turbo Frequency 4.00 GHz; 20 Cores)	Complied
3	Chipset	Latest OEM chipset supporting an optimized for the above processor	Intel C624 Chipset	Complied
4	Memory	64 GB to be configured using 2666 MHz RDIMMs. Adequate DIMMs to be configured to populate all memory channels in a balanced manner. Compute node should be scalable to 16 DIMMs	4*16GB= 64GB DDR4 RAM 24 DIMM slots for future upgradability	Higher
5	Hard Disk Drives	2 x 960 GB SSD or more	2 x 960 GB SSD or more	Complied
6	HDD Bays	Minimum 8 Nos HDD bays supporting SAS, SATA, SSD Drives	Minimum 8 Nos HDD bays supporting SAS,SATA,SSD Drives	Higher & Better
7	I/O slots	Minimum 3 nos. PCIe slots or higher	Up to four slots	Higher
8	Network Interfaces	Minimum 3 Nos of USB port and 1 VGA Port	4 Nos USB Ports and 1 VGA Port	Higher
		Necessary PCIe adapter cards and ports for connection with the switch/s across the nodes for optimum performance	Offered 2x 10G PCIe adpater cards and ports for connection with switch/s across the nodes for optimum performance	The Procured Switch for HPC shall be 10G Switch, Hence 10G PCIe network adapter card in nodes shall have the most optimum performance with 10Gbps speed.
9	Server Management	OEM embedded controller and Server Management Tool from same OEM	OEM embedded controller and Server Management Tool from same OEM	Complied

		To display systems ID, Status information & system error code followed by descriptive text. LCD should light up in different colours during normal systems operation & error conditions.	To display systems ID, Status information & system error code followed by descriptive text. LCD should light up in different colours during normal systems operation & error conditions.	Complied
10	Server Security	Should provide effective protection, reliable detection and rapid recovery using	Should provide effective protection, reliable detection and rapid recovery using	Complied
		System Lockdown feature to lockdown configuration and firmware, protecting the server from inadvertent or malicious changes	System Lockdown feature to lockdown configuration and firmware, protecting the server from inadvertent or malicious changes	Complied
13	Offered Warranty		3 Years Onsite Warranty	Complied

### Switch

Qty: 01 No.

SL	Features	Tender Specification	Our Offered Specifications	Remarks
1	Make & Model		TP Link - T1700X-16TS	Complied
2	Processors:	Minimum 10G Capacity all necessary accessories for Optimum Performance	10G Capacity all necessary accessories for Optimum Performance	Complied



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 Venkat Chalapathi  
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 ChristianBasti, Guwahati, PIN: 781005 Phone: 0361-2340136

## Server for Compute Node with GPU

Qty: 01 No.

SL	Features	Tender Specification	Our Offered Specifications	Remarks
1	Make & Model		Lenovo - ThinkSystem SR650	Complied
2	Processors:	40 Core = 2 x Intel Xeon Gold 5218R 2.1 G, 20 C/40 T 27.5 M Cache	40 Core (Intel® Xeon® Gold 5218R Processor 27.5M Cache; Base Frequency 2.10 GHz; 125 W; Max Turbo Frequency 4.00 GHz; 20 Cores)	Complied
3	Chipset	Latest OEM chipset supporting an optimized for the above processor	Intel C624 Chipset	Complied
4	Memory	64 GB to be configured using 2666 MHz RDIMMs. Adequate DIMMs to be configured to populate all memory channels in a balanced manner. Compute node should be scalable to 16 DIMMs	64 GB to be configured using 2666 MHz RDIMMs. Adequate DIMMs to be configured to populate all memory channels in a balanced manner. Compute node should be scalable to 16 DIMMs	<b>Higher (4*16GB= 64GB DDR4 RAM 24 DIMM Slots for future upgradability)</b>
5	Hard Disk Drives	2 x 960 GB SSD or more	2 x 960 GB SSD	Complied
6	HDD Bays	Minimum 8 Nos of HDD bays supporting SAS, SATA, SSD Drives	Minimum 8 Nos of HDD bays supporting SAS, SATA, SSD Drives	Complied
7	GPU card	1 x NVIDIA Tesla V100s 32GB PCIE	1 x NVIDIA Tesla V100s 32GB PCIE	Complied
8	Network Interface and Ports	Minimum 3 Nos of USB port and 1 VGA Port	4 Nos USB Ports and 1 VGA Port	<b>Higher &amp; Better</b>
		Necessary PCIe adpter cards and ports for connection with the switch/s across the nodes for optimum performance	Offered 2x 10G PCIe adpter cards and ports for connection with switch/s across the nodes for optimum performance	<b>The Procured Switch for HPC shall be 10G Switch, Hence 10G PCIe network adapter card in nodes will have the most optimum performance with 10 Gbps speed.</b>
9	Server Management	OEM embedded controller and Server Management Tool from same OEM	OEM embedded controller and Server Management Tool from same OEM	Complied

10	LCD panel	To display systems ID, status information & system error code followed by descriptive text, LCD should light up in different colours during normal system operation & error conditions	To display systems ID, status information & system error code followed by descriptive text, LCD should light up in different colours during normal system operation & error conditions	Complied
11	Server Security	Should provide effective protection, reliable detection & rapid recovery using	Should provide effective protection, reliable detection & rapid recovery using	Complied
		System lockdown feature to lock down configuration and firmware protecting the server form inadvertent or malicious changes	System lockdown feature to lock down configuration and firmware protecting the server form inadvertent or malicious changes	Complied
12	Offered Warranty		3 Years Onsite Warranty	Complied



**For BMG Informatics Pvt. Ltd.**

**Venkat Chalapathi**

**Mobile: 8011872092.**

**E-mail: marketing@bmginformatics.co.in**

## ANNEXURE - II

### TECHNICAL COMPLIANCE

#### High-Performance Computing System with Data Storage Server

**Server for Master Node**

**Qty: 01 No.**

SL	Features	Tender Specification	Our Offered Specifications	Remarks
1	Make & Model		<b>Lenovo - ThinkSystem SR 630</b>	Complied
2	Processors:	Minimum 2 x 8 Core Intel Xeon silver 4110 (2.1 GHz)	2 x Intel® Xeon® Silver 4110 Processor; 11M Cache, Base Frequency 2.10 GHz; 85W Max Turbo Frequency 3.00 GHz; 8 Cores	Complied
3	Chipset	Latest OEM chipset supporting an optimized for the above processor	Intel C624 Chipset	C
4	Memory	Minimum 64 GB DDR4 with minimum 24 DIMM Slots for future upgradability	4*16GB= 64GB DDR4 RAM 24 DIMM slots (12 DIMM slots per processor) Slots for future upgradability	C
5	Display, Mouse & Keyboard	Minimum 21-inch Display with keyboard & Mouse or more	Lenovo Make 21.5 inches Monitor & with USB Type Keyboard & Mouse	<b>Complied with same OEM make for better compatibility and support Monitor Model: Lenovo ThinkVision 21.5-inch LED Backlit LCD Monitor</b>
6	Hard Disk Drives	Minimum 1 x 960 GB SSD and 4 x 1 TB 7.2 KRPM SAS 12 Gbps 2.5 in Hot plug Hard Drive	1 x 960 GB SSD and 4 x 1 TB 7.2 KRPM SAS 12 Gbps 2.5 in Hot plug Hard Drive	Complied
7	HDD Bays	Minimum 8 Nos HDD bays supporting SAS,SATA,SSD Drives	Minimum 8 Nos HDD bays supporting SAS,SATA,SSD Drives	Complied
8	I/O slots	Minimum 3 nos. PCIe slots or higher	supports up to four PCIe slots	<b>Higher with higher scalability</b>
9	RAID Controller	Dedicated/Integrated Raid Controller Card with Minimum 1Gb Cache or more to attain maximum performance of Hard Disks RAID Array	Dedicated Raid Controller Card with 1Gb Cache or more to attain maximum performance of Hard Disks RAID Array	Complied

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ChristianBasti, Guwahati, PIN: 781005 Phone: 0361-2340136

10	Network Interfaces and Ports	Minimum 3 nos of USB port and 1VGA Port	4 Nos USB Ports and 1 VGA Port	Higher
		Necessary PCIe adpter cards and ports for connection with switch/s across the nodes for optimum performance	Offered 2x 10G PCIe adpter cards and ports for connection with switch/s across the nodes for optimum performance	The Procured Switch for HPC shall be 10G Switch, Hence 10G PCIe network adapter card in nodes shall have the most optimum performance with 10Gbps speed.
11	Server Management	OEM embedded controller and Server Management Tool form same OEM	OEM embedded controller and Server Management Tool form same OEM	Complied
12	LCD panel	To display system ID, status information & system error code followed by descriptive text. LCD should light up in different colours during normal system operation & error conditions	Display system ID, status information & system error code followed by descriptive text. LCD should light up in different colours during normal system operation & error conditions	Complied
13	Power Supply	Platinum certified redundant Power Supply to support the above hardware configuration	Platinum certified redundant Power Supply to support the above hardware configuration	Complied
14	Warranty		3 Years Onsite Warranty	Complied



For BMG Informatics Pvt. Ltd.  
Venkat Chalapathi  
Mobile: 8011872092.  
E-mail: [marketing@bmginformatics.co.in](mailto:marketing@bmginformatics.co.in)

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Christians Basti, Guwahati, PIN: 781005 Phone: 0361-2340136

36

No. F.9/4/2020-PPD  
Government of India  
Ministry of Finance  
Department of Expenditure  
Procurement Policy Division

512, Lok Nayak Bhawan, New Delhi  
Dated the 12<sup>th</sup> November 2020

OFFICE MEMORANDUM

**Subject: Bid Security/ Earnest Money Deposit.**

The Government is in receipt of many representations that on account of slowdown in economy due to the pandemic, there is acute financial crunch among many commercial entities and contractors, which in turn is affecting timely execution of the contracts. It has also been represented that this may affect the ability of contractors to bid in tenders and hence reduce competition. Requests are being received for reduction in quantum of Security Deposits in the Government contracts.

2. As per Rule 170 of General Financial Rules (GFRs) 2017, Micro and Small Enterprises (MSEs) and the firms registered with concerned Ministries/ Departments are exempted from submission of Bid Security. Further, in lieu of Bid Security, Ministries/ Departments may ask bidders to sign "Bid Security Declaration" accepting that if they withdraw or modify their bids during period of validity etc., they will be suspended for the time specified in the tender documents. Similar provisions also exist in the Manuals for Procurement of Works 2019 and Manual for Procurement of Consultancy & other Services 2017.

3. In this context it is noted that Bid Security (also known as Earnest Money Deposit) is still being taken from the contractors by the various Ministries/ Departments, though the relaxations have already been provided in General Financial Rules (GFRs) 2017.

4. In view of above, it is reiterated that notwithstanding anything contained in Rule 171 of GFRs 2017 or any other Rule or any provision contained in the Procurement Manuals, **no provisions regarding Bid Security should be kept in the Bid Documents in future and only provision for Bid Security Declaration should be kept in the Bid Documents.**

5. Wherever, there are compelling circumstances to ask for Bid Security, the same should be done only with the approval of the next higher authority to the authority competent to finalise the particular tender or the Secretary of the Ministry/ Department, whichever is lower.

6. The above instructions will be applicable for all the tenders issued till 31.12.2021.

7. These instructions will be applicable for all kinds of procurements viz. Goods, Consultancy, Works, non-consulting Services etc and are issued under Rule 6(1) of the GFRs 2017.



(Kotluru Narayana Reddy)  
Deputy Secretary to the Govt. of India  
Tel: 24621305  
Email: kn.reddy@gov.in

To,

All the Secretaries and Financial Advisers to Government of India

Copy to: Secretary, Department of Public Enterprises with a request to issue the same instructions to Central Public Sector Undertakings (CPSUs).

From: "Marketing BMG" <marketing@bmginformatics.co.in>  
Subject: Government Provision regarding Bid Security/ Earnest Money Deposit  
Date: Wed, December 9, 2020 4:11 pm  
To: biren@tezu.ernet.in  
Cc: snp@tezu.ernet.in, "Pranjal Kr. Borah" <poll@tezu.ernet.in>, fotu@tezu.ernet.in, kumarj@tezu.ernet.in, hridoy@tezu.ernet.in, upakul@tezu.ernet.in, anamikapegu@tezu.ernet.in, bmg" <venkatbmg01@gmail.com>, "BARNALI GOGOI" <barnali@bmginformatics.co.in>

37

To  
The Registrar  
Tezpur University.

JR (A)  
Any reference A)  
B  
Hawtp

Sub: Government Provision regarding Bid Security/ Earnest Money Deposit

Office Memorandum No: F.9/4/2020-PPD Dated 12<sup>th</sup> Nov. 2020 issued from Dept. of Finance Government of India

Dear Sir,

In this regard we would like to bring to your notice regarding an Office Memorandum issued by Department of Finance Government of India regarding relaxation from paying EMD by MSME registered bidders.

Looking into the pandemic scenario which has led to slowing down of India's economy, The Department of Finance Govt. of India has issued a memorandum to all concerned departments and organizations directing relaxation towards submission of Bid Security/ Earnest Money Deposit. The Government of India has instructed to ask for a "Bid Security Declaration" from MSME registered bidders in lieu of the Bid Security wherein the bidder would accept that if they withdraw or modify their bids during the validity etc., they would be suspended for the time specified in the tender documents.

The Memorandum is enclosed along with this letter for your reference.

The Government of India vide the memorandum has directed the purchasers not to keep the provision of Bid Security and Bid Security Declaration in the tender document. This provision would be applicable till 31.12.2021 on all tenders.

Hence, request you to amend the BID Document by removing the requirement of Earnest Money Deposit and asking for Bid Security Declaration in the upcoming Tenders.

Thanking You and assuring you of our best services always.

Looking forward for to your kind cooperation,

Attachments:

untitled-[1.1].plain
Size: 1.6 k
Type: text/plain

Information Regarding Provision of EMD.pdf
Size: 388 k
Type: application/pdf

Bid Security - Earnest Money Deposit.pdf
Size: 1.2 M
Type: application/pdf

Office of the Registrar  
Receipt No ..... 3481  
Date ..... 17.12.20  
Received by ..... B. B.

AR-GA  
17/12/20  
SO(SAP)  
Upur  
17/12/20

Ref: BMG/EMD Prov./20-21/824

Date: 09.12.2020

To  
The Registrar  
Tezpur University.

Sub: Government Provision regarding Bid Security/ Earnest Money Deposit

Office Memorandum No: F.9/4/2020-PPD Dated 12<sup>th</sup> Nov. 2020 issued from Dept. of Finance  
Government of India

Dear Sir

In this regard we would like to bring to your notice regarding an Office Memorandum issued by Department of Finance Government of India regarding relaxation from paying EMD by MSME registered bidders.

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The Memorandum is enclosed along with this letter for your reference.

The Government of India vide the memorandum has directed the purchasers not to keep the provision of Bid Security and to ask for Bid Security Declaration in the tender document. This provision would be applicable till 31.12.2021 on all tenders.

Hence, request you to amend the BID Document by removing the requirement of Earnest Money Deposit and asking for Bid Security Declaration in the upcoming Tenders.

Thanking You and assuring you of our best services always.

Looking forward for to your kind cooperation,

For BMG Informatics Pvt. Ltd.

*Y. V. Chalapati Rao*



4. That M/s BMG Informatics Pvt. Ltd. have never been blacklisted or debarred from business, at any point of time by any Govt./PSU Undertaking/ Educational Institute
5. That this affidavit shall be used as a piece of evidence before the concerned authority to prove the statements made in the aforesaid paragraphs.
6. That the statements made in this affidavit are true to my knowledge and belief.

“OATH”

“That I swear that this my declaration is true, that it conceals nothing and that no part of it is false, so help me God”

And I sign this affidavit on this the 16th day of Dec.2020 at Guwahati

*Y. V. Chakpathi Rao*  
DEPONENT

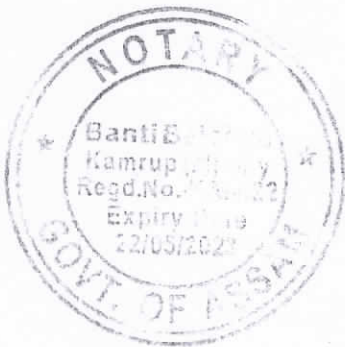
Identified By:

*Ajit Kumar Saha*  
Advocate

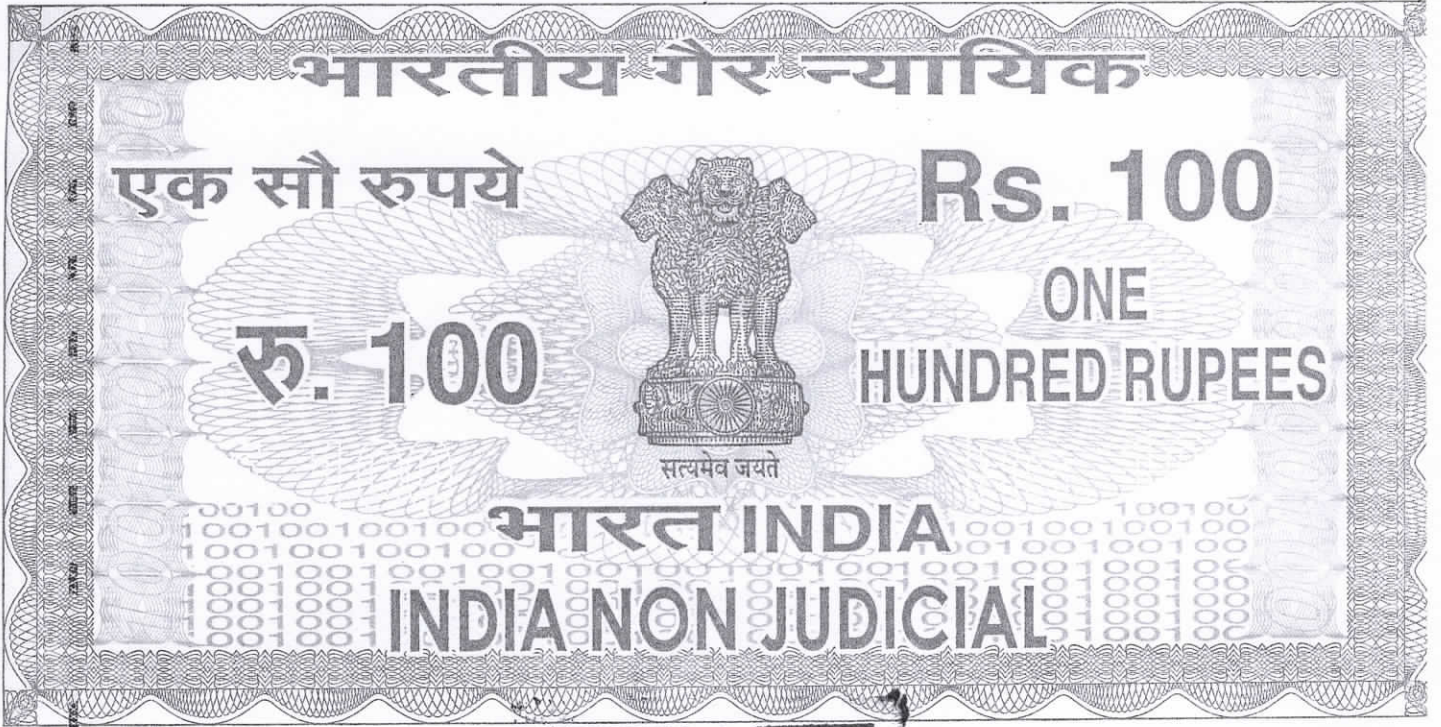
Solemnly affirmed before me this day  
I certify that I read over and explained  
the contents to the declarant and that  
the declarant seemed perfectly to  
understand them.

*ms*  
16/12/2020

Banti Baishya  
NOTARY, GOVT. OF ASSAM  
Kamrup (Metro), Guwahati  
Regd. No.: KAM-22



39



असम ASSAM

Sl. No..... 167.....  
 Date..... 16/12/2020.....

C 451475

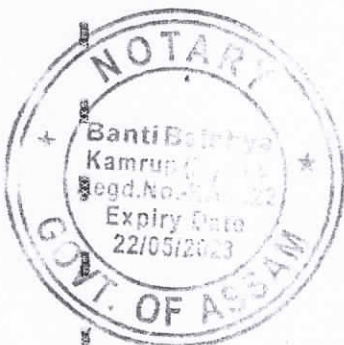
BEFORE THE NOTARY PUBLIC: KAMRUP (METRO)  
 AT GUWAHATI

AFFIDAVIT

I, Mr. Y. Venkata Chalapathi Rao, Son of Mr. Y. Apparao Age about 27 years resident of Block D Room No. 15 Morakhali Telugu Colony Dr. B. Baruah Road Guwahati P.O. Ulubari, P.S. Paltan Bazar, Guwahati - 781007 by religion Hindu, by occupation Service in the district of Kamrup (M) Assam do hereby solemnly affirm and state as follows:

1. I am citizen of India by birth and a resident of aforesaid locality.
2. That I am presently working as a Sales Executive in M/s BMG Informatics Pvt. Ltd. having its registered office at Disha Enclave 1<sup>st</sup> Floor Arunadoi path Christianbasti Guwahati – 781005 Assam.
3. That being authorized by the company, I am competent to swear this affidavit.

Contd.. P/2



16/12/2020  
 Banti Baishya  
 NOTARY, GOVT. OF ASSAM  
 Kamrup (Metro), Guwahati  
 Regd. No. KAM-22

*Y. V. Chalapathi Rao*

Branch Office : Industrial Estate, 3rd Bye Lane, Bamunimaidan, Guwahati-781021, Assam  
 Ph : 0361-2657947  
 Email : bogwh@nsic.co.in  
 Fax : 0361-2558948  
 Website : www.nsic.co.in

## STORE DETAILS CERTIFICATE

(Valid From 04/07/2019 to 03/07/2021)

ANNEXURE TO GOVERNMENT PURCHASES ENLISTMENT CERTIFICATE

NO. NSIC/GP/GUV/2019/0037478 D.T. 05/07/2019

ISSUED TO M/s. BMG INFORMATICS PVT LTD, ASSAM

DISHA ENCLAVE, 1ST FLOOR CHRISTIAN BASTI, ARUNADOY PATH, GUWAHATI, ASSAM-781005

Sno	Name of Service/ Activities	Definition of Activity/ Service(s)	Quantitative Capacity/Services PM
1	Supply and Maintenance of hardware and Software	Servicing of Server, Desktop, Laptop, Workstation, Mobile Workstation, Operating System Software, Application Software, Network Management Software, Other Management Software, Customized Software	3000 Man Hours OR
0	Network Establishment	Project involved in LAN and WAN	3000 Man Hours. OR
0	Training and Consultancy	IT Product System Study & consultancy and Training	3000 Man Hours OR
0	Servicing and Maintenance	Servicing and Maintenance of Video Conferencing, Video Wall, Large Screen Data Wall, CCTV Products, LCD & LED Screen Products	3000 Man Hours OR
0	Facility Management Services	Service Support, Warranty Support, Maintenance Support of IT Products	3000 Man Hours. OR
0	Technical Support Passive Networking Products	Providing technical support Passive components like Optic Fibre Cable, CAT Cable etc.	3000 Man Hours. OR
0	IT Security Hardware and Software	Providing service for IT Security Hardware and Software like Firewall, IDS, Antivirus, Cyber Security, Security Surveillance, Access Control Devices (Boom Barrier, Spikes, Turnstile, Motorised Auto Swing Gate) Visitor Management Solution	3000 Man Hours. OR

 SGS India Pvt. Ltd., Kolkata  
 Comments / Note  
 (Optional): SGS India Pvt. Ltd., Kolkata

M/s. BMG INFORMATICS PVT LTD

 "Authenticity of the certificate can be checked through the web portal: [www.nsicsonline.com](http://www.nsicsonline.com)"

[www.nsicsonline.com/Administrator/RegistrationCertificatePageView.aspx?id=60368](http://www.nsicsonline.com/Administrator/RegistrationCertificatePageView.aspx?id=60368)


CIN : U74140DL1955GOI002481



41

### टिप्पणी

1. एनएसआईसी की एकल हिन्दू पंजीकरण स्कीम के अंतर्गत पंजीकृत इकाइयों सूक्ष्म लघु एवं मध्यम उद्यम मंत्रालय, भारत सरकार, नई दिल्ली द्वारा दिनांक 26.03.2012 को जारी की गयी अधिसूचना, जो कि 01.04.2015 से अनिवार्य हो गई है "सूक्ष्म और लघु उद्यमों के लिए सार्वजनिक उपकरण नीति आदेश 2012" के अन्तर्गत अधिसूचित किए गए निम्न लाभ पाने की पात्र है।  
 क. नि:शुल्क टेंडर।  
 ख. दायाना जमा राशि (ईएमडी) के भुगतान से छूट।  
 ग. टेंडर में भाग लेने वाले सूक्ष्म व लघु उद्यमों को एल-1+15% के मूल्य बैंड में उद्घृत कर करने पर कुल टेंडर वैल्यू का 20% तक अपेक्षित भाग की सफ्टाई करने की भी सुविधा दी गई है लेकिन उसे अपनी दरें एल-1 पर रही गैर-सूक्ष्म एवं लघु उद्यम इकाई की दर तक अपनी दर कम करने पर ही यह सुविधा मिलती है।  
 घ. प्रत्येक केन्द्रीय मंत्रालय/विभाग/सार्वजनिक क्षेत्र के उपक्रम को अपनी कुल वार्षिक खरीद हेतु न्यूनतम 20% खरीद सूक्ष्म एवं लघु उद्यमों द्वारा उत्पादित उत्पादों या प्रदान की जाने वाली सेवाओं से किया जाने का वार्षिक लक्ष्य निर्धारित करना होगा। सूक्ष्म एवं लघु उद्यमों से 20% की खरीद की अपनी वार्षिक जरूरत में से 4% खरीद अनुसूचित जाति/जनजाति के स्वामित्व वाली इकाइयों से की जानी निर्धारित/ईयरमार्क की जाएगी। तारीख 26.03.2012 के पब्लिक प्रोक्योरमेंट पॉलिसी आदेश के अनुसार 01.04.2015 से प्रोक्योरमेंट का समय लक्ष्य अनिवार्य कर दिया गया है।  
 ङ. उपरोक्त के अलावा, 358 वस्तुएं केवल एमएसई इकाइयों से ही खरीदी जाने के लिए भी आरक्षित की गई है।
2. प्रोविजनल प्रमाण पत्र, जिसकी की वैधता प्रमाण पत्र जारी होने की तारीख से केवल एक वर्ष की अवधि के लिए होगी, को छोड़कर यह प्रमाण पत्र जारी होने की तारीख से दो वर्ष के लिए वैध है। पंजीकरण का नवीनीकरण दो वर्ष की अवधि के लिए प्रदान किया जाएगा। अपेक्षित शुल्क के साथ प्रमाण पत्र का नवीनीकरण कराने के लिए आवेदन पत्र प्रमाण पत्र वांछित दस्तावेज सहित प्रमाण पत्र की समाप्ति के तारीख से छः माह पूर्व जमा किया जाए।
3. स्टोर्स (गुणात्मक तथा परिमाणत्मक)/आर्थिक सीमा/अथवा प्रमाण पत्र में किसी प्रकार का संशोधन कराने, और/अथवा पंजीकरण के नवीनीकरण के जारी किए जाने को एक अलग आवेदन पत्र के रूप में समझा जाएगा और तदानुसार अलग से लागू शुल्क देय होंगे।
4. एनएसआईसी को यह पूरा और नितांत विवेकाधिकार होगा कि एनएसआईसी अथवा किसी दूसरे सरकारी विभाग की किन्हीं देय राशियों के भुगतान न करने की स्थिति में, तथा किसी सरकारी विभाग आदि से कोई प्रतिकूल रिपोर्ट प्राप्त होने पर, सरकारी आपूर्ति कांट्रैक्ट की शर्तों को न मानने, सामान की आपूर्ति करने में असफल रहने या घटिया सामान अथवा सेवाएं देने, आदेश को पूरा करने में जानबूझकर विलंब करने या मना करने, सरकारी खरीद प्रमाण पत्र में किसी प्रकार का हैर-फेर करने, जाली हस्ताक्षर, धोखाधड़ी, आवेदन पत्र में कोई महत्वपूर्ण सूचना छिपाने/गलत बयानी करने या फिर सरकारी खरीद प्रमाण पत्र प्राप्त करने के लिए प्रस्तुत दस्तावेजों में कोई सूचना छिपाने/गलत बयान करने और किसी दूसरे कारण आदि के लिए इस सूचीयन प्रमाण पत्र को रद्द कर दें।

### प्रतिलिपि

1. निदेशक, एमएसएमई विकास संस्थान...../महाप्रबंधक, राइट्स लिमिटेड./सीडीसी.....को उनके तारीख.....के पत्र सं.....के सदर्थ में।
2. महाप्रबंधक (सरकारी खरीद), एनएसआईसी लिमिटेड, मुख्य कार्यालय नई दिल्ली-कृपया सूचनार्थ

### फर्म के गठन का कोड

पब्लिक लिमिटेड कंपनी	1	प्राइवेट लि. कंपनी	2
साझेदारी प्रतिष्ठान	3	स्वामित्व कंपनी	4
औद्योगिक सहकारी सोसायटी	5	हिन्दू अविभाजित परिवार (एच यू एफ)	6

### कैटेगिरी कोड

अनुसूचित जाति	1
अनुसूचित जनजाति	2
सामान्य	3

### NOTES:-

1. The units registered under Single Point Registration Scheme of NSIC are eligible to get the following benefits under "Public Procurement Policy for Micro & Small Enterprises Order 2012" as notified by the Government of India Ministry of Micro Small & Medium Enterprises, , New Delhi vide Gazette Notification dated 26.03.2012, which has become mandatory w.e.f. 01.04.2015:-  
 a) Issue of the Tender Sets free of cost;  
 b) Exemption from payment of Earnest Money Deposit (EMD),  
 c) In tender, participating Micro & Small Enterprises quoting price within price band of L1+15 percent shall also be allowed to supply a portion of requirement by bringing down their price to L1 Price in a situation where L1 price is from someone other than a Micro and Small Enterprise and such Micro and Small Enterprise shall be allowed to supply upto 20 percent of the total tendered value.  
 d) Every Central Ministries/Departments/PSUs shall set an annual goal of minimum 20 percent of the total annual purchases of the products or services produced or rendered by MSEs. Out of annual requirement of 20% procurement from MSEs, 4% is earmarked for units owned by Schedule Caste /Schedule Tribes (as per PPP Order dated 26.03.2012 overall procurement goal mandatory w.e.f. 01/04/2015).  
 e) In addition of the above, 358 items are also reserved for exclusive purchase from MSEs.
2. The certificate shall be valid for two years from the date of issuance except in case of provisional certificate validity of which shall be for the period of one year only from the date of issuance. Renewal of registration shall be granted for a period of 2 years. The application for renewal of the certificate along with the requisite fee has to be submitted before six months of the expiry date.
3. Applications for issuance of amendments in stores (Qualitative & Quantity) / monetary limit / any other amendment in the certificate, and/or for issuance of renewal of registration (every two years) will be treated as separate applications and accordingly separate fee(s), as applicable, will be charged.
4. NSIC has the sole and absolute discretion to cancel this Enlistment Certificate on receipt of adverse report from any Government Departments regarding non-compliance of terms of contract awarded, tampering with GP Certificate, forging of signatures, cheating, suppression/misrepresentation of material facts in the application of any document submitted for obtaining the GP Enlistment Certificate or in the event of any amount unpaid to NSIC or any other Government Department or any other reasons etc.

### Copy to:-

1. The Director, MSME Dev. Institute/G.M., RITES Ltd.,/CDC ..... With reference to their letter No. .... dated .....
2. General Manager (GP) NSIC Ltd., Head Office, New Delhi - for information.

### CONSTITUTION CODES OF UNIT

Public Ltd. Co.	1	Pvt. Ltd. Co.	2
Partnership Concern	3	Prop. Concern	4
Ind. Co-op Society	5	HUF	6

### CATEGORY CODES

Scheduled Caste	1
Scheduled Tribe	2
General	3



Sr. No. 61850

S.No. CUW-0000561

Branch Office : Industrial Estate, 3rd Bye Lane, Bamunimaidan, Guwahati-781021, Assam  
Ph : 0361-2657947  
Email : bogwh@nsic.co.in

Fax : 0361-2558948

Website : www.nsic.co.in

## GOVERNMENT PURCHASE ENLISTMENT CERTIFICATE

Ref.No NSIC/GP/GUW/2017/60368 / 1808  
(Valid From 04/07/2019 to 03/07/2021)

Date: 05/07/2019

M/s. BMG INFORMATICS PVT LTD  
DISHA ENCLAVE, 1ST FLOOR, WILLS LIFESTYLE ANNE  
BUILDING CHRISTIAN BASTI, ARUNADOY PATH  
GUWAHATI,  
ASSAM- 781005

Factory Address:  
1. DISHA ENCLAVE, 1ST FLOOR CHRISTIAN BASTI  
, ARUNADOY PATH  
GUWAHATI, ASSAM -781005

Name of the Directors  
1. BHASKAR KALITA  
2. JOYDEEP GUPTA  
Constitution of the firm- Private Limited

UAM AS03D0000543

Enterprise Social Class:  
GENERAL

GOVERNMENT PURCHASE REGISTRATION NO: NSIC/GP/GUW/2019/0037478

Monetary Limit: ₹ 647 lakhs ( ₹ Six Hundred Fourty Seven Lakh Only)  
TURNOVER (Rupees in Lakhs)

Financial Year	Annual Turnover
2015-16	1293.9
2016-17	629.44
2017-18	479.1
Monetary Limit	647

MSEs registered with NSIC are exempted from deposit of Earnest Money irrespective of value of Monetary Limit.

Your name has been registered as a MSE Unit eligible for participation in the Central Government Store Purchase Programme as per the Single Point Registration Scheme for the following Item(s)/Store(s)/Service(s).

Name of the Store(s)/ Service(s)	Specification(s)	Qualitative Capacity	Quantitative Capacity P.M.
"As per List Attached" (7 item only)			

Disclaimer:- The purchasing agencies are advised to satisfy themselves with the store details in the certificate while doing the Technical Evaluation stage before placing the tender/order on the units, certified by NSIC.

M/s. BMG INFORMATICS PVT LTD

"Authenticity of the certificate can be checked through the web portal: [www.nsicsonline.com](http://www.nsicsonline.com)"

[www.nsicsonline.com/app/Administrator/RegistrationCertificatePageView.aspx?id=60368](http://www.nsicsonline.com/app/Administrator/RegistrationCertificatePageView.aspx?id=60368)


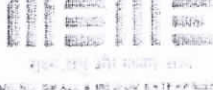




CIN : U74140DL1955GOI002481



Conditions overleaf.

43

 Level of India मूल्य, लघु, सान्छि आण मध्य उद्यम मंत्रालय MINISTRY OF MICRO, SMALL & MEDIUM ENTERPRISES		 MICRO, SMALL & MEDIUM ENTERPRISES						
 उद्योग आधार  Udyog Aadhaar								
D	Type of Enterprise		Micro	Small	Medium			
	Manufacturing		A	B	C			
	Services		D	E	F			
	UAN		AS03D0000543					
<b>Udyog Aadhaar Acknowledgement</b>								
Udyog Aadhaar Number		AS03D0000543						
Name of Enterprise		BMG INFORMATICS PVT LTD						
Location of Plant Details								
SN	Flat/Door/Block No.	Name of Premises/Building Village	Road/Street/ Lane	Area/Locality	City	Pin	State	District
1	1ST FLOOR	DISHA ENCLAVE	ARUNADOI PATH	CHRISTIANBASTI	GUWAHATI	781005	ASSAM	KAMRUP METROPOLITAN
Official Address of Enterprise						DISHA ENCLAVE, 1ST FLOOR, ARUNADOI PATH, CHRISTIANBASTI, GUWAHATI		
		District	KAMRUP METROPOLITAN	State	ASSAM	PIN	781005	
		Mobile No:	9864150929	Email:	marketing@bmginformatics.co.in			
Date of commencement		31/08/2007						
Major Activity		SERVICES						
Enterprise Type		Micro						
Previous Registration details-if any		::						
National Industry Classification Code								
SN	NIC 2 Digit	NIC 4 Digit	NIC 5 Digit Code	Activity Type				
1	62 - Computer programming, consultancy and related activities	6209 - Other information technology and computer service activities	62091 - Software Installation	Services				
2	95 - Repair of computers and personal and household goods	9511 - Repair of computers and peripheral equipment	95111 - Repair and maintenance of computer and peripheral equipment	Services				
Acknowledgement		Date of Filing	14/06/2017	Date of Printing	14/06/2017			
Disclaimer: This is computer generated statement, no signature required. Printed from udyogaadhaar.gov.in								
MyMsme Mobile App (Beta Version) is available now for download. <a href="https://play.google.com/store/apps/details?id=msme.mysmsme">https://play.google.com/store/apps/details?id=msme.mysmsme</a>								

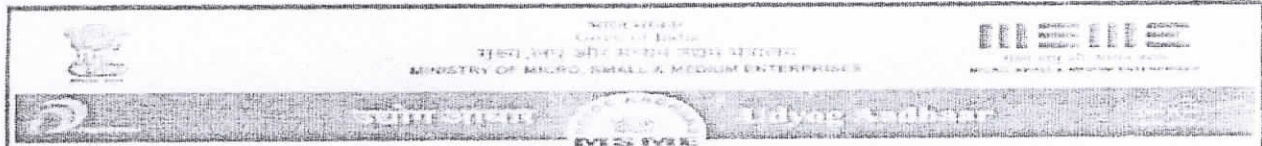


BMG Informatics Pvt. Ltd.

Jaydeep Cough  
Director



44



D	Type of Enterprise	Micro	Small	Medium
	Manufacturing	A	B	C
	Services	D	E	F
	UAN	AS63D000543		

**Udyog Aadhaar Memorandum**

1. Aadhaar Number: 661261191333
2. PAN Number: AADCB22030
3. Name of Entrepreneur: JOYDEEP GUPTA
4. Social Category of Entrepreneur: GENERAL
5. Gender: Male
6. Physically Handicapped: No
7. Name of Enterprise: BMG INFORMATICS PVT LTD
8. Type of Organization: Private Limited Company
9. Location of Plant Details

SN	Flat/Door/Block No.	Name of Premises/Building Village	Road/Street/ Lane	Area/Locality	City	Pin	State	District
1	1ST FLOOR	DISHA ENCLAVE	ARUNADOI PATH	CHRISTIANBASTI	GUWAHATI	781005	ASSAM	KAMRUP METROPOLITAN

Official Address of Enterprise: DISHA ENCLAVE, 1ST FLOOR, ARUNADOI PATH, CHRISTIANBASTI, GUWAHATI

10. District: KAMRUP METROPOLITAN      State: ASSAM      PIN: 781005  
 Mobile No: 9864150929      Email: marketing@bmginformatics.co.in

11. Date of commencement: 31/08/2007

12. Previous Registration details-if any: ::

13. Bank Details: IFS Code: BARB02OOTIN      Bank Account: 34900500000003

14. Major Activity: SERVICES

SN	NIC 2 Digit	NIC 4 Digit	NIC 5 Digit Code	Activity Type
16. 1	62 - Computer programming, consultancy and related activities	6209 - Other information technology and computer service activities	62091 - Software installation	Services
2	95 - Repair of computers and personal and household goods	9511 - Repair of computers and peripheral equipment	95111 - Repair and maintenance of computer and peripheral equipment	Services

17. Persons employed: 40
18. Investment (Plant & Machinery / Equipment's): 7(Rs. In Lakhs)
19. District Industry Centre: KAMRUP METROPOLITAN

**Declaration**  
 I hereby declare that information given above is true to the best of my knowledge. Any information, that may be required to be verified, shall be provided immediately before the concerned authority.

MyMsme Mobile App (Beta Version) is available now for download. <https://play.google.com/store/apps/details?id=msme.mysmsme>



Click here for: Udyog Aadhaar Acknowledgement

BMG Informatics Pvt. Ltd.  
*Joydeep Gupta*  
 Director



AS

7. These instructions will be applicable for all kinds of procurements viz. Goods, Consultancy, Works, non-consulting Services etc and are issued under Rule 6(1) of the GFRs 2017.

*K. Narayana Reddy*

(Kotluru Narayana Reddy)  
Deputy Secretary to the Govt. of India  
Tel: 24621305  
Email: kn.reddy@gov.in

To,

All the Secretaries and Financial Advisers to Government of India

Copy to: Secretary, Department of Public Enterprises with a request to issue the same instructions to Central Public Sector Undertakings (CPSUs).



46

No. F.9/4/2020-PPD  
Government of India  
Ministry of Finance  
Department of Expenditure  
Procurement Policy Division

512, Lok Nayak Bhawan, New Delhi  
Dated the 12<sup>th</sup> November 2020

**OFFICE MEMORANDUM**

**Subject: Bid Security/ Earnest Money Deposit.**

The Government is in receipt of many representations that on account of slowdown in economy due to the pandemic, there is acute financial crunch among many commercial entities and contractors, which in turn is affecting timely execution of the contracts. It has also been represented that this may affect the ability of contractors to bid in tenders and hence reduce competition. Requests are being received for reduction in quantum of Security Deposits in the Government contracts.

2. As per Rule 170 of General Financial Rules (GFRs) 2017, Micro and Small Enterprises (MSEs) and the firms registered with concerned Ministries/ Departments are exempted from submission of Bid Security. Further, in lieu of Bid Security, Ministries/ Departments may ask bidders to sign "Bid Security Declaration" accepting that if they withdraw or modify their bids during period of validity etc., they will be suspended for the time specified in the tender documents. Similar provisions also exist in the Manuals for Procurement of Works 2019 and Manual for Procurement of Consultancy & other Services 2017.

3. In this context it is noted that Bid Security (also known as Earnest Money Deposit) is still being taken from the contractors by the various Ministries/ Departments, though the relaxations have already been provided in General Financial Rules (GFRs) 2017.

4. In view of above, it is reiterated that notwithstanding anything contained in Rule 171 of GFRs 2017 or any other Rule or any provision contained in the Procurement Manuals, **no provisions regarding Bid Security should be kept in the Bid Documents in future and only provision for Bid Security Declaration should be kept in the Bid Documents.**

5. Wherever, there are compelling circumstances to ask for Bid Security, the same should be done only with the approval of the next higher authority to the authority competent to finalise the particular tender or the Secretary of the Ministry/ Department, whichever is lower.

6. The above instructions will be applicable for all the tenders issued till 31.12.2021.



## Bid-Securing Declaration Form

Dated: 13/12/2020

Bid No. ET-NIQ-2442; Dated: 01-12-2020

To,  
The Assistant Registrar-GA  
Tezpur University.

We, **BMG Informatics Pvt.Ltd.** The undersigned, declare that:

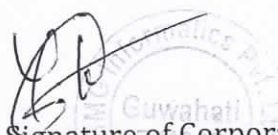
We understand that, according to your conditions, bids must be supported by a Bid Securing Declaration.

We accept that We may be disqualified from bidding for any contract with you for a period of **180 Days** from the date of Bid Submission if We are in a breach of any obligation under the bid conditions, because We

- (a) have withdrawn/modified/amended, impairs or derogates from the tender, my/our Bid during the period of bid validity specified in the form of Bid; or
- (b) having been notified of the acceptance of our Bid by the purchaser during the period of bid validity
  - (i) fail or reuse to execute the contract, if required, or
  - (ii) fail or refuse to furnish the Performance Security, in accordance with the Instructions to Bidders.

We understand this Bid Securing Declaration shall cease to be valid if we are not the successful Bidder, upon the earlier of

- (i) the receipt of your notification of the name of the successful Bidder; or
- (ii) thirty days after the expiration of the validity of our Bid.

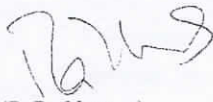
  
Seal & Signature of Corporate Seal  
Designation: Sales Executive.


Name: Venkata Chalapathi

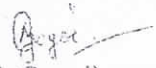
Duly authorized to sign the bid for an on behalf of: BMG Informatics Pvt. Ltd.


Dated on 13<sup>th</sup> December of 2020


Resolution: Both the vendor namely "Converge Systems and services Pvt. Ltd" and "B.H. Informatics Pvt. Ltd." has fulfilled the minimum tender specifications. It is to be noted that M/s B.H. Informatics Pvt. Ltd. is providing 3 years warranty and M/s Converge Systems and Services Pvt. Ltd. is offering 5 years warranty. Both the vendors are qualified to supply the PC system with data storage device and may be asked to enhance the warranty upto 5 years.


  
(R.R. Hoque)  
H.o.D.  
Dept. of Env. Sc.

  
(A. Devi)  
P.I.  
Dept. of Env. Sc.

  
(N. Gogoi)  
Assistant Professor  
Dept. of Env. Sc.

  
(S. Handique)  
Assistant Professor  
Dept. of Env. Sc.

  
(A. Prakash)  
P.I.  
Dept. of Env. Sc.

  
(P. Goswami)  
S.T.A.  
Dept. of Env. Sc.

<b>LCD panel</b>	To display system ID, status information & system error code followed by descriptive text. LCD should light up in different colours during normal system operation & error conditions.	Complied with LED indicator	To display systems ID, Status information & system error code followed by descriptive text. LCD should light up in different colours during normal systems operation & error conditions.
<b>Server security</b>	Should provide effective protection, reliable detection & rapid recovery using:	Yes	Should provide effective protection, reliable detection and rapid recovery using
	System lockdown feature to lock down configuration and firmware, protecting the server from inadvertent or malicious changes	Yes	System Lockdown feature to lockdown configuration and firmware, protecting the server from inadvertent or malicious changes

**Item: Switch/s**

Parameters	Our Specification	Converge Systems & Services Pvt. Ltd. House No. 7, 2 <sup>nd</sup> Floor Jayanagar Road, Six Mile Guwahati – 781022 Tel: +91-361-2231181	BMG Informatics Pvt. Ltd. Deesha Enclave, 1 <sup>st</sup> Floor Arunday Path, Christian Basti Guwahati – 781005 Tel: 0361-2340136
Switch	Switch/s of minimum 10G capacity with all necessary accessories for optimum performance.	8 Port 10G Switch	10G Capacity all necessary accessories for Optimum Performance

**5. Item: Server Rack (made of steel material ) with enclosures as per hardware specifications.**

Parameters	Our Specification	Converge Systems & Services Pvt. Ltd. House No. 7, 2 <sup>nd</sup> Floor Jayanagar Road, Six Mile Guwahati – 781022 Tel: +91-361-2231181	BMG Informatics Pvt. Ltd. Deesha Enclave, 1 <sup>st</sup> Floor Arunday Path, Christian Basti Guwahati – 781005 Tel: 0361-2340136
Chassis	Glass Door/ Metal Door/42U/800/NRS1, Side Panels/1000/42U/ Vented	Yes	Glass Door/Metal Door/42U/800/NRS1 Side Panels/1000/42U/Vented
GPU accelerator	The Chassis should be able to support Compute nodes with GPUs	Yes	The Chassis should be able to support Compute nodes with GPUs
Cooling	2 No. of 2 Ton AC 5 star or equivalent as per present norms of Govt. of India along	Yes	2 No. of 2 Ton AC 5 star as per present norms of Govt.



System	with stabilizers, Time scheduler and other accessories		of india along with stablizers. Time scheduler and other accessories
Redundant fans	Must have redundant fans	Yes	system with redundant fans

**6. Item: UPS (minimum 10 KVA Online with minimum 1/2 hour's backup)**

Parameter	Our Specifications	Converge Systems & Services Pvt. Ltd. House No. 7, 2 <sup>nd</sup> Floor Jayanagar Road, Six Mile Guwahati – 781022 Tel: +91-361-2231181	BMG Informatics Pvt. Ltd. Deesha Enclave, 1 <sup>st</sup> Floor Arunday Path, Christian Basti Guwahati – 781005 Tel: 0361-2340136
Surge Protection Device	UPS should have integrated Type 2 surge arrester (40kA) according to EN 61643-11. It should provide Lightning Protection through equi-potential bonding and eliminate transient overvoltage, originating during atmospheric discharges or switching processes. (Datasheet of SPD should be provided)	Yes	UPS Should have integrated Type 2 surge arrester (40 kA) according to EN 61643.11. It should provide Lighting Protection through equipotential bonding and eliminate transient overvoltage, originating during atmospheric discharges or switching processes.
Battery Back-up & Other Details	The system must be capable of providing requisite battery back-up time of 30 minutes on each UPS, using 12V, VRLA Sealed Maintenance Free Batteries. Required VAH : 8,700 VAH for 30 minutes for each UPS Battery make: EXIDE/QUANTA/ROCKET	Yes	The systems must be capable of providing requisite battery backup time of 30 minutes on each UPS, using 12V, VRLA Sealed Maintenance Free Batteries, Required VAH: 8,700 VAH for 30 minutes for each UPS Battery Make: EXIDE
Warranty		5-years	3-years.

*Handwritten signatures and initials:*  
  
  
  


50

	DIMMs		
<b>Hard Disk Drives</b>	2 x 960GB SSD or more	2 x 960 GB SSD	2 x 960 GB SSD
<b>HDD Bays</b>	Minimum 8 Nos of HDD bays supporting SAS, SATA, SSD Drives	16 Nos HDD bays supporting SAS,SATA, SSD Drives	Minimum 8 Nos of HDD bays supporting SAS, SATA, SSD Drives
<b>GPU card</b>	1 x NVIDIA Tesla V100s 32GB PCIE.	1 x NVIDIA Tesla V100s 32 GB PCIE	1 x NVIDIA Tesla V100s 32GB PCIE
<b>Network Interface and Ports</b>	Minimum 3 Nos of USB port and 1 VGA Port	Up to 5 total: 1 front, 2 rear, 2 internal USB Ports and 1 VGA Port	4 Nos USB Ports and 1 VGA Port
	Necessary PCIe adpter cards and ports for connection with the switch/s across the nodes for optimum performance	HPE Ethernet 10Gb 2-port BASE-T BCM57416 Adapter for connecting through 10G Switch for optimum performance	Offered 2x 10G PCIe adpter cards and ports for connection with switch/s across the nodes for optimum performance
<b>Server Management</b>	OEM embedded controller and Server Management Tool from same OEM	Yes	OEM embedded controller and Server Management Tool from same OEM
<b>LCD panel</b>	To display system ID, status information & system error code followed by descriptive text. LCD should light up in different colours during normal system operation & error conditions.	Yes	To display systems ID, status information & system error code followed by descriptive text, LCD should light up in different colours during normal system operation & error conditions
<b>Server security</b>	Should provide effective protection, reliable detection & rapid recovery using:	Yes	Should provide effective protection, reliable detection & rapid recovery using
	System lockdown feature to lock down configuration and firmware, protecting the server from inadvertent or malicious changes	2 x HPE 800W Flex Slot Platinum Hot Plug Low Halogen Power Supply Kit	System lockdown feature to lock down configuration and firmware protecting the server form inadvertent or malicious changes






*16/12*

3. Item: Server for Compute Node without GPU. Qty: Minimum 4

Parameters	Our Specification	Converge Systems & Services Pvt. Ltd. House No. 7, 2 <sup>nd</sup> Floor Jayanagar Road, Six Mile Guwahati – 781022 Tel: +91-361-2231181	BMG Informatics Pvt. Ltd. Deesha Enclave, 1 <sup>st</sup> Floor Arunday Path, Christian Basti Guwahati – 781005 Tel: 0361-2340136
<b>Processors</b>	40 Core = 2 x Intel® Xeon® Gold 5218R 2.1G	2 x Intel Xeon Gold 5218R Processor (2.1 GHz, 20C/40T 27.5 M Cache)	40 Core (Intel® Xeon® Gold 5218R Processor 27.5M Cache; Base Frequency 2.10 GHz; 125 W; Max Turbo Frequency 4.00 GHz; 20 Cores)
<b>Chipset</b>	Latest OEM chipset supporting an optimized for the above processor	Intel C622 Chipset	Intel C624 Chipset
<b>Memory</b>	64 GB to be configured using 2666 MHz RDIMMs. Adequate DIMMs to be configured to populate all memory channels in a balanced manner. Compute node should be scalable to 16 DIMMs	64GB configured with 2933 MHz RDIMMs	4*16GB= 64GB DDR4 RA 24 DIMM slots for future upgradability
<b>Hard Disk Drives</b>	2 x 960GB SSD or more	2 x 960 GB SSD	2 x 960 GB SSD or more
<b>HDD Bays</b>	Minimum 8 Nos HDD bays supporting SAS, SATA, SSD Drives	Yes	Minimum 8 Nos HDD bays supporting SAS,SATA,SSD Drives
<b>I/O slots</b>	Minimum 3 nos. PCIe slots or higher	3 nos. PCIe 3.0 slots	Up to four slots
<b>Network Interfaces</b>	Minimum 3 Nos of USB port and 1 VGA Port	Up to 4 total: 1 front, 2 rear, 1 internal Ports and 1 VGA Port	4 Nos USB Ports and 1 VGA Port
	Necessary PCIe adpater cards and ports for connection with the switch/s across the nodes for optimum performance	HPE Ethernet 10Gb 2-port BASE-T BCM57416 Adapter for connecting through 10G Switch for optimum performance	Offered 2x 10G PCIe adpater cards and ports for connection with switch/s across the nodes for optimum performance
<b>Server Management</b>	OEM embedded controller and Server Management Tool from same OEM	Yes	OEM embedded controller and Server Management Tool from same OEM

51

Technical Specification: Comparative Statement –HPC System with Data Storage Server  
 TU Tender No : ET-NIQ-2442 ; Dated 01.12.2020  
 Department of Environmental Science.  
 Tezpur University

1. Item: Server for Master Node. Qty: 1

Parameters	Our Specification	Converge Systems & Services Pvt. Ltd. House No. 7, 2 <sup>nd</sup> Floor Jayanagar Road, Six Mile Guwahati – 781022 Tel: +91-361-2231181	BMG Informatics Pvt Deesha Enclave, 1 <sup>st</sup> Fl Arunday Path,Christi Guwahati – 781005 Tel: 0361-2340136
<b>Processors</b>	Minimum 2 x 8 Core Intel Xeon silver 4110 (2.1GHz)	2 x Intel® Xeon® Silver 4208 Processor (11M Cache, 2.10 GHz,8 Cores)	2 x Intel® Xeon® Silver 4110 Processor; 11M Cache, Base Frequency 2.10 , GHz; 85W Max Turbo Frequency 3.00 GHz; 8 Cores
<b>Chipset</b>	Latest OEM chipset supporting an optimized for the above processor	Intel C621 Chipset	Intel C624 Chipset
<b>Memory</b>	Minimum 64 GB DDR4 with minimum 24 DIMM Slots for future upgradability	64GB configured with 2933 MHz RDIMMs	4*16GB= 64GB DDR4 RAM 24 DIMM slots (12 DIMM slots per processor) Slots for future upgradability
<b>Display, Mouse &amp; Keyboard</b>	Minimum 21-inch Display with keyboard & Mouse or more	Yes	Lenovo Make 21.5 inches Monitor & with USB Type Keyboard & Mouse
<b>Hard Disk Drives</b>	Minimum 1x 960 GB SSD and 4 x 1 TB 7.2 KRPM SAS 12 Gbps 2.5in Hot plug Hard Drive	1 x 960 GB SSD and 4 x 1 TB 7.2 KRPM SAS 12 Gbps 2.5in Hot plug Hard Drive	1 x 960 GB SSD and 4 x 1 TB 7.2 KRPM SAS 12 Gbps 2.5 in Hot plug Hard Drive
<b>HDD Bays</b>	Minimum 8 Nos HDD bays supporting SAS, SATA, SSD Drives	Yes	Minimum 8 Nos HDD bays supporting SAS,SATA,SSD Drives
<b>I/O slots</b>	Minimum 3 nos. PCIe slots or higher	3 nos. PCIe 3.0 slots	supports up to four PCIe slots
<b>RAID Controller</b>	Dedicated / Integrated Raid Controller Card with Minimum 1Gb Cache or more to attain maximum performance of Hard Disks RAID Array	HPE Smart Array P408i-a SR Gen10 (8 Internal Lanes/2GB Cache) 12G SAS Modular Controller	Dedicated Raid Controller Card with 1Gb Cache or more to attain maximum performance of Hard Disks RAID Array
<b>Network Interfaces and Ports</b>	Minimum 3 nos of USB port and 1 VGA Port	Up to 5 total: 1 front, 2 rear, 2 internal USB Ports and 1 VGA Port	4 Nos USB Ports and 1 VGA Port

*(Handwritten signatures and initials)*

	Necessary PCIe adapter cards and ports for connection with the switch/s across the nodes for optimum performance	HPE Ethernet 10Gb 2-port BASE-T BCM57416 Adapter for connecting through 10G Switch for optimum performance	Offered 2x 10G PCIe adapter cards and ports for connection with switch/s across the nodes for optimum performance
<b>Server Management</b>	OEM embedded controller and Server Management Tool from same OEM	Yes	OEM embedded controller and Server Management Tool from same OEM
<b>LCD panel</b>	To display system ID, status information & system error code followed by descriptive text. LCD should light up in different colours during normal system operation & error conditions.	Yes	Display system ID, status information & system error code followed by descriptive text. LCD should light up in different colours during normal system operation & error conditions
<b>Power Supply</b>	Platinum certified redundant Power Supply to support the above hardware configuration	2 x HPE 800W Flex Slot Platinum Hot Plug Low Halogen Power Supply Kit	Platinum certified redundant Power Supply to support above hardware configuration

## 2. Item Server for Compute Node with GPU. Qty: 1

Parameters	Specification	Converge Systems & Services Pvt. Ltd. House No. 7, 2 <sup>nd</sup> Floor Jayanagar Road, Six Mile Guwahati – 781022 Tel: +91-361-2231181	BMG Informatics Pvt. Ltd. Deesha Enclave, 1 <sup>st</sup> Floor Arunday Path, Christian Basti Guwahati – 781005 Tel: 0361-2340136
<b>Processors</b>	40 Core = 2 x Intel® Xeon® Gold 5218R 2.1G, 20C/40T 27.5 M Cache	2 x Intel Xeon Gold 5218R Processor (2.1 GHz, 20C/40T 27.5 M Cache)	40 Core (Intel® Xeon® Gold 5218R Processor 27.5M Cache; Base Frequency 2.10 GHz; 125 W; Max Turbo Frequency 4.00 GHz; 20 Cores)
<b>Chipset</b>	Latest OEM chipset supporting an optimized for the above processor	Intel C621 Chipset	Intel C624 Chipset
<b>Memory</b>	64 GB to be configured using 2666 MHz RDIMMs. Adequate DIMMs to be configured to populate all memory channels in a balanced manner. Compute node should be scalable to 16	64GB configured with 2933 MHz RDIMMs Compute node should be scalable to 24 DIMMS	64 GB to be configured using 2666 MHz RDIMMs. Adequate DIMMs to be configured to populate all memory channels in a balanced manner. Compute node should be scalable to 16 DIMMS

Organization Chain : Tezpur University	Int
Item ID : 2020_TZU_600442_1	
Tender No : ET-NIG-2042-DT-012-2020	
High Performance Computing with Data Storage Title : Server based for IT-CoE Department of Environmental Science, Tezpur University	
Contract Item : 2	

Committee Chairperson/Co-ordinator Type : <b>Internal</b>	
Committee Chairperson Name : <b>A Dev</b>	
Committee Members : <b>R R H, N Goni, S Han, A Prakash</b>	
Supplemental Tech. File (62 KB)	
Country : <b>S-M</b>	
Bid Opening Date/Time : <b>6-M 10:00 PM</b>	

No. of Bids : 2

No.	Bidder Name	Bid Date	Status	Action
1	Converge Systems and Services Pvt. Ltd.	2020	Accused	Accused
2	BMC Informatics Pvt. Ltd.	2020	MAccused	Accused

Tender Inviting Authority

53


## ET-NIQ-2442; DT 01-12-2020


### TECHNICAL BID EVALUATION SUMMARY/MINUTES FOR TWO BID TENDERS

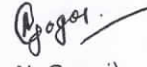
In response to the above NIQ, Online Bids qualified for technical evaluation were evaluated as mentioned below:

Sl. No	Bids Received Form	Accepted/ Rejected	If rejected, reasons for rejection
1	Convergence Systems & Services Pvt. Ltd., Guwahati	Accepted	Both the vendors namely "Convergence Systems & Services Pvt. Ltd., Guwahati" and "BMG Informatics Pvt. Ltd., Guwahati" has fulfilled the minimum tender specifications. It is to be noted that MS BMG Informatics Pvt. Ltd., Guwahati is providing 3 years warranty and MS Convergence Systems & Services Pvt. Ltd., Guwahati is offering 5 years warranty. Both the vendors are qualified to supply the HPC system with Data storage server.
2	BMG Informatics Pvt. Ltd., Guwahati	Accepted	

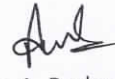
Name of Member(s),

  
(Dr. A. Devi)

  
(Prof. R.R. Hoque)



  
(Dr. N. Gogoi)

  
(Dr. S. Handique)

  
(Dr. A. Prakash)

Date:

**Note: Queries/doubt if any; may be brought to the notice of the user department or Stores and Purchase Section (email: [snp@tezu.ernet.in](mailto:snp@tezu.ernet.in)) within 24 hours of uploading the Technical Bid Evaluation Summary or 24 hours before opening of the Price/Financial Bid or whichever is earlier.**

 <b>Government eProcurement System</b>	<b>eProcurement System Government of India</b>				
	<b>Bid Opening Summary</b>				
		Date : 17-Mar-2021 11:00			
 <b>Print</b>					
<b>Organisation Chain :</b>	Tezpur University				
<b>Tender ID :</b>	2020_TEZU_600442_1				
<b>Tender Ref No :</b>	ET-NIQ-2442-DT-01-12-2020				
<b>Tender Title :</b>	High Performance Computing System with Data Storage Server required for DST-CoE Project of Dr. Ashalata Devi, Department of Environmental Science, Tezpur University				
<b>Packet Name :</b>	Finance				
<b>Decrypted Bid Openers List</b>					
<b>S.No</b>	<b>Name</b>	<b>Decrypted Date</b>			
1	Hridoy Saikia	17-Mar-2021 09:57 AM			
2	Biren Das	17-Mar-2021 09:55 AM			
<b>Bid List</b>					
<b>S.No</b>	<b>Bid No</b>	<b>Bidder</b>	<b>Opened By</b>	<b>Opened Date</b>	<b>Status</b>
1	2177806	Converge Systems and Services Pvt. Ltd	Hridoy Saikia	17-Mar-2021 09:57 AM	Admitted
2	2179362	BMG Informatics Pvt. Ltd.	Hridoy Saikia	17-Mar-2021 09:58 AM	Admitted

55


**ET-NIQ-2442; Dated- 01.12.2020**  
**Corrigendum Vide ET-NIQ-2724; Dated- 15.12.2020**

**FINANCIAL/PRICE BID OPENING SUMMARY**

In response to the above NIQ, 02 Online Financial/Price Bids qualified were received and opened as per details mentioned below:

Sl No	Bids Received From	Accepted/Rejected	Remarks
1	BMG Informatics Pvt. Ltd.	Admitted for further evaluation	-
2	Converge Systems and Service Pvt. Ltd.	Admitted for further evaluation	-

  
Joint Registrar (GA)  
Tezpur University

  
17-3-21

uploaded on  
17/03/2021

56

3. Item: Server for Compute Node without GPU. Qty: Minimum 4

Parameters	Specifications
Processors	40 Core (Intel® Xeon® Gold 5218R Processor 27.5M Cache; Base Frequency 2.10 GHz; 125 W; Max Turbo Frequency 4.00 GHz; 20 Cores)
Chipset	Intel C624 Chipset
Memory	4*16GB= 64GB DDR4 RAM 24 DIMM slots for future upgradability
Hard Disk Drives	2 x 960 GB SSD or more
HDD Bays	Minimum 8 Nos HDD bays supporting SAS,SATA,SSD Drives
I/O slots	Up to four slots
Network Interfaces	4 Nos USB Ports and 1 VGA Port Offered 2x 10G PCIe adpter cards and ports for connection with switch/s across the nodes for optimum performance
Server Management	OEM embedded controller and Server Management Tool from same OEM
LCD panel	To display systems ID, Status information & system error code followed by descriptive text. LCD should light up in different colours during normal systems operation & error conditions.
Server security	Should provide effective protection, reliable detection and rapid recovery using System Lockdown feature to lockdown configuration and firmware, protecting the server from inadvertent or malicious changes

4. Item: Switch/s

Parameters	Specifications
Switch	10G Capacity all necessary accessories for Optimum Performance

5. Item: Server Rack (made of steel material ) with enclosures as per hardware specifications.

Parameters	Specifications
Chassis	Glass Door/Metal Door/42U/800/NRS1 Side Panels/1000/42U/Vented
GPU accelerator	The Chassis should be able to support Compute nodes with GPUs
Cooling System	2 No. of 2 Ton AC 5 star as per present norms of Govt. of india along with stablizers. Time schedular and other accessories
Redundant fans	system with redundant fans

6. Item: UPS (minimum 10 KVA Online with minimum 1/2 hour's backup)

Parameter	Specifications
Surge Protection Device	UPS Should have integrated Type 2 surge arrester (40 kA) according to EN 61643.11. It should provide Lighting Protection through equipotential bonding and eliminate transient overvoltage, originating during atmospheric discharges or switching processes.
Battery Back-up & Other Details	The systems must be capable of providing requisite battery backup time of 30 minutes on each UPS, using 12V, VRLA Sealed Maintenance Free Batteries, Required VAH: 8,700 VAH for 30 minutes for each UPS Battery Make: EXIDE

*B*  
Registrar  
Tezpur University

# TEZPUR UNIVERSITY

(A Central University)

Napaam, Tezpur-784028, Assam, India

e-mail-admn@tezu.enet.in, Phone:03712-267100

57

TU/11-6/Pur/Env.Sc/2021-22/ 545

Dt.- 02-06-2021

To,

M/s BMG Informatics Pvt. Ltd,  
1<sup>st</sup> floor, Disha Enclave, Arunodoy Path,  
Christian Basti, Guwahati-781005, Assam

Sub: Supply, installation and commissioning of High-Performance computing system with Data Storage Server.

Ref: Your quotation dtd-13/12/20 against our E- tender notice no. ET-NIQ-2442, dt-01/12/20.

Sir,

With reference to the above you are requested to supply, installation and commissioning of High-Performance computing system with Data storage server for DST project "Climate change impacts and adaptation for a climate resilient North East India" of Dr. Ashalata Devi, Dept. of Environmental Sc as per following details.

Particulars	Qty	Rate	Amount
1) High performance computing system with Data Server. (Detailed specifications enclosed)	01 set	35,29,920.08	35,29,920.08
GST 5%			1,76,496.00
G.Total-Rs			37,06,416.08
Rounded off-Rs			37,06,416.00
(Rupees thirty seven lakh six thousand four hundred sixteen only)			

#### Terms & Conditions

- 1) Delivery within 8 weeks. Delivery FOR Tezpur University, Dept. of Environmental Science.
- 2) Payment after supply, installation and commissioning.
- 3) Warranty 03 years for entire system.
- 4) Bank Gurantee-3% performance Bank Guarantee covering the warranty period to be submitted before releasing payment.
- 5) AMC if asked for after the completion of the warranty period to be provided.
- 6) **Liquidity Damage**-An amount equivalent to 0.5% of the delivered price of the delayed goods for each week of delay or part thereof beyond the contracted delivery date/period as aforesaid shall be recovered from the invoice value as Liquidity damage, subject to the total damages not exceeding 10 percent of the value of the delayed goods.

Encl: Detailed specifications.

Copy for information to:

- 1) Finance Officer with reference to sanction no. TU/Fin/Proj/60- /20/2021-22/2373, dt-23/04/21.
- 2) Dr. Ashalata Devi, PI, Dept. of Environmental Science for information.
- 3) Concerned File.

Registrar

Registrar

Tezpur University

Registrar

Registrar  
Tezpur University

## Failed specifications

### 1. Item: Server for Master Node. Qty: 1

Parameters	Specifications
Processors	2 x Intel® Xeon® Silver 4110 Processor; 11M Cache, Base Frequency 2.10 GHz; 85W Max Turbo Frequency 3.00 GHz; 8 Cores
Chipset	Intel C624 Chipset
Memory	4*16GB= 64GB DDR4 RAM 24 DIMM slots (12 DIMM slots per processor) Slots for future upgradability
Display, Mouse & Keyboard	Lenovo Make 21.5 inches Monitor & with USB Type Keyboard & Mouse
Hard Disk Drives	1 x 960 GB SSD and 4 x 1 TB 7.2 KRPM SAS 12 Gbps 2.5 in Hot plug Hard Drive
HDD Bays	Minimum 8 Nos HDD bays supporting SAS,SATA,SSD Drives
I/O slots	supports up to four PCIe slots
RAID Controller	Dedicated Raid Controller Card with 1Gb Cache or more to attain maximum performance of Hard Disks RAID Array
Network Interfaces and Ports	4 Nos USB Ports and 1 VGA Port Offered 2x 10G PCIe adpter cards and ports for connection with switch/s across the nodes for optimum performance
Server Management	OEM embedded controller and Server Management Tool form same OEM
LCD panel	Display system ID, status information & system error code followed by descriptive text. LCD should light up in different colours during normal system operation & error conditions
Power Supply	Platinum certified redundant Power Supply to support the above hardware configuration

### 2. Item Server for Compute Node with GPU. Qty: 1

Parameters	Specifications
Processors	40 Core (Intel® Xeon® Gold 5218R Processor 27.5M Cache; Base Frequency 2.10 GHz; 125 W; Max Turbo Frequency 4.00 GHz; 20 Cores)
Chipset	Intel C624 Chipset
Memory	64 GB to be configured using 2666 MHz RDIMMs. Adequate DIMMs to be configured to populate all memory channels in a balanced manner. Compute node should be scalable to 16 DIMMs
Hard Disk Drives	2 x 960 GB SSD
HDD Bays	Minimum 8 Nos of HDD bays supporting SAS, SATA, SSD Drives
GPU card	1 x NVIDIA Tesla V100s 32GB PCIE
Network Interface and Ports	4 Nos USB Ports and 1 VGA Port Offered 2x 10G PCIe adpter cards and ports for connection with switch/s across the nodes for optimum performance
Server Management	OEM embedded controller and Server Management Tool from same OEM
LCD panel	To display systems ID, status information & system error code followed by descriptive text, LCD should light up in different colours during normal system operation & error conditions
Server security	Should provide effective protection, reliable detection & rapid recovery using System lockdown feature to lock down configuration and firmware protecting the server form inadvertent or malicious changes