



NIELIT CALICUT
 (Autonomous Scientific Society of Ministry of Electronics & Information Technology, Govt. of India)
NIT Campus Post, CALICUT-673 601, KERALA
 Email: purchase@calicut.nielit.in Web: <http://nielit.gov.in/calicut>
 Phone: 0495-2287266

LIMITED TENDER ENQUIRY

Ref. No.: 2(1210)/2020-21/3DPAM/NAS

Date: 22.10.2020

To

DUE DATE: 03.11.2020

TENDER OPENING DATE: 04.11.2020 TIME: 2:00 PM

1. Quotations are invited for the supply of the items as per **Annexure-I**.
2. The quotations duly **SIGNED, SEALED AND SUPERSCRIBED ON THE ENVELOPE WITH THE REFERENCE No. AND DUE DATE**, should be addressed to the undersigned so as to reach on or before the due date stipulated above. Quotations received after the due date will not be considered.
3. Quotation will be opened at the above address on the date and time mentioned above. If this day becomes a holiday, the same will be opened on the next working day. The Tenderer or his authorized representative can be present during tender opening.
4. The quotations should be valid for acceptance for a period of **sixty days** from the due date
5. Quotations will not be accepted by Fax, Email or any such electronic data transfer form.
6. The quotations should be for goods exactly conforming to our requirements and specifications.
7. Relevant literature pertaining to the items quoted with full specifications and drawings, if any should be sent along with the quotations, wherever applicable. Samples, if called for, should be submitted free of charges and collected back at the supplier's expenses.
8. Copy of Manufacturing licence, Principal or Authorized Distributor/Dealer Certificate, and Proprietary Certificate, as applicable, should be enclosed.
9. Quotation should be for **free delivery** at our Centre and should clearly specify the **delivery period**. If delivery quoted is Ex-Godown/Consignor Station, delivery charges consisting of freight, packing & forwarding charges, insurance, etc. should be indicated separately. Goods should be supplied duly carriage paid and insured.
10. GST Registration Number of NIELIT Calicut is: **32AAATD0315M1Z6**. GST or any other taxes may be charged as per the rates applicable to Scientific/Educational institutions.
11. **Security Deposit @ 5% of the Purchase Order/Invoice value shall be retained, in case order/contract value exceeds Rs.1,00,000/- (Rupees one lakh), which will be released after the expiry of warranty period.**
12. Goods shall not be supplied without an official purchase order.
13. Payment: Payment will be made after completion of supply, installation/assembly and commissioning of the items covered by the order along with necessary spares supplied to the entire satisfaction of NIELIT CALICUT. Payment against invoices shall normally be made within 30 days of receipt and acceptance of equipment/materials at our office. **No advance payment will be made under any circumstance.**
14. Incomplete quotations and quotations which do not comply with all the above instructions are liable to be summarily rejected.
15. NIELIT CALICUT does not bind itself to accept the lowest or any such quotation and has the right to accept or reject whole or any part of tenders or a portion of the supply of goods without assigning any reasons. No correspondence in case of rejected tenders will be entertained.
16. **Earnest Money Deposit (EMD) for Rs. 6,250/-** be deposited by NEFT in the Bank Account No. 10401158037 (IFSC: SBIN0002207) at State Bank of India, NIT Calicut Branch, CREC Campus, Chathamangalam, Calicut – 673 601, in favour of Director, NIELIT CALICUT, failing which the quotation will be rejected. Proof of Deposit of EMD amount with Tenderer's Bank Account No. and IFSC No. should be submitted with the Quotation. Alternatively, the Tenderer may choose to submit EMD/Bid Security Declaration, as given in **Annexure-II**, subject to the conditions stipulated therein.

Yours faithfully,


 Purchase In-Charge
 For Executive Director

Encl: Annexure

ANNEXURE-I

Your Quotation No.

Date:

1	Description of item(s)	Network Attached Storage	Quantity-1No.
2	Specifications & Quantity : As per Specifications attached.		
3	Price per unit in Rs. (in figures & words)		
4	Total Price in Rupees (in figures & words)		
5	Delivery Period		
6	Terms of Delivery		
7	Taxes, Duties & any other statutory levies or charges		
8	Transportation, Insurance, Packing & Forwarding charges, if any		
9	Discount/off etc., if any		
10	GST Registration No.		
11	Payment Terms		
12	Validity of Tender		
13	Warranty		
14	EMD Amount and Payment details		
15	Bank Account No. with IFSC Code		
16	Any other remarks		
17	Signature of the Tenderer with Name and Date		
18	Address with Email ID & Mobile No.		
19	Central Public Procurement Portal (www.eprocure.gov.in) Registration, Email login ID		

- NB:** (1) The prices quoted and Taxes charged should be Academic/Educational Prices/rates, wherever applicable.
- (2) Enquiry for the above items and specifications can also be downloaded from our website <http://nielit.gov.in/calicut> or www.eprocure.gov.in
- (3) Please register at www.eprocure.gov.in and intimate login details without fail. Watch website for regular updates.



Network Storage - NAS	
Specification	
Specify Make and model no	

S.No.	Category	Requirements	Complies (Y/N)
1	Physical Specifications	CPU: Intel D-1521 Quad Core 2.4GHz Xeon Server Processor	
		Memory: 8GB DDR4 ECC	
		Drive Bays: 6	
		Drive Types Supported: SATA/SSD 2.5" or 3.5"	
		Hot Swappable Drives	
		Tool-less 3.5" Disk Installation	
		eSATA Expansion Ports: 1	
		10 Gigabit LAN Ports: 2 (link aggregation and failover)	
		USB Ports: Front 1 # USB 3.0, rear 2 # USB 3.0	
		2 Line LCD Display	
		Bluetooth dongle	
		Capacity: 84 TB	
		LEDs: Power, System, LAN	
2	Data Protection	Unlimited block-based snapshots for continuous data protection.	
		Restore Snapshots to any point in time.	
		RAID Levels: 0, 1, 5, 6, 10	
		RAID Global Hot Spare	
		eSATA Expansion	
		Backup to external storage (USB/eSATA)	
		Real-time Anti-Virus scanning using signature and heuristic algorithms.	
3	Storage Area Networks (SAN), Virtualization	Unlimited iSCSI LUN Snapshot	
		Thin or Thick provision LUNs	
		Multi-LUN per target	
		LUN mapping	
		LUN masking	
		MPIO, MC/S (iSCSI)	
		Max # iSCSI Target: 256	
		Max # iSCSI LUN: 256	
		VMware ESXi 6	
		Citrix XenServer 6	
		Windows Server 2008 Hyper-V	
		Windows Server 2008 Failover Clustering	
		Windows Server 2012 R2	
4	Cloud/ Remote	CLOUD portal based data access and management	

	access to NAS		
		Upgrade firmware remotely	
		VPN quality remote data transfer and management	
		Share file via email link	
5	File System & Transfer Protocols	External File System: EXT3, EXT4, NTFS, FAT32, HFS+	
		Copy-on-write filesystem	
		Data Compression	
		Microsoft Network (CIFS/SMB3)	
		Linux/Unix (NFS v4)	
		Internet (HTTP)	
		Secure Internet (HTTPS)	
		File Transfer Protocol (FTP)	
		FTP over SSL / TLS (explicit)	
		Secure Shell (SSH)	
		Storage Array Network (iSCSI)	
		File Synchronization (rsync)	
		Local web file manager	
6	Users/Groups	Users: 8192	
		User Groups: 8192	
		Share Folder: 1024	
		Concurrent Connections: 1024	
		Share Folder Level ACL Support	
		Microsoft Active Directory (AD) Domain Controller Authentication	
		Local access list	
7	Management	Local discovery agent Software (Windows/ Mac)	
		Save and restore system configuration (clone devices)	
		Local event log	
		Connection reporting (SMB)	
		Volume Management	
		Thin provision Shares and LUNs	
		Restore to factory default	
8	System Monitoring	Device capacity, performance, resource and health monitoring	
		Bad block scan	
		File System Check	
		Disk Scrubbing	
		Disk Defragment	
		Alerts (SMTP email, LCD, SNMP, syslog, local log)	
		Auto-shutdown (hard drive, fan, UPS)	
		Auto-restart on power recovery	
9	Networking Protocols	IPv4	
		Ipv6	
		Static IP Address	
		Dynamic IP Address	

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		Multiple IP Settings	
		DHCP Client	
		Link Aggregation IEEE 802.3ad	
		Jumbo Frames	
		Virtual LAN (VLAN)	
		Secure Shell (SSH)	
		SNMP v2, v3	
		Network Time Protocol (NTP)	
10	Environment	Noise levels: <28dBA @ 30° C	
		Operating Temperature: 0°-40° C	
		Operating Humidity: 5-95% relative humidity, non-condensing	
		AC Input Power Voltage 100V to 240V	
		Power Frequency: 50Hz to 60Hz, Single Phase	
		Certification: FCC Class B, CE Class B, RoHS, VCCI Class B	
		Warranty: 5 years	
11	Hard Disk	WD Red Pro for NAS, 8TB – 2Nos	

General	Authorization certificate from OEM to be attached against inquiry	
	Bidder must have office local office to provide supply of consumables & certified technical resource.	
	Quote Educational pricing for the system & software	

[Handwritten signature]
23/10/20

Sign of Authorized Signatory with Name & Seal

[Handwritten signature]

Undertaking for EMD
(on the letterhead of Organization)

Date:

To
The Executive Director
NIELIT
NIT Campus P.O.
Kozhikode – 673601
Kerala

Subject: Undertaking as per GFR–2017, Rule 170(iii).

Dear Sir,

We, the undersigned, offer to supply in response to your Tender No. dated We are hereby submitting our Bid/Quotation for the same. As a part of eligibility requirement stipulated in the said Tender documents, we hereby submit a declaration in lieu of Earnest Money Deposit (EMD), as given below:

1. Our bid shall remain valid for 60 days from the date of submission and that we will not withdraw or modify our bid during the validity period.
2. In case, we are declared as successful bidder and an order is placed on us, we will submit the acceptance in writing within 7 days of placement of order on us.
3. In case, we are declared as successful bidder and an order is placed on us, we undertake, to submit a Security Deposit of 5% of the order value, as per terms stipulated in the Tender.
4. In case of failure on our part to comply with any of the above said requirements, we are aware that we shall be declared as ineligible for said Tender and/or debarred from any **future bidding process of NIELIT for a period of minimum two years.**
5. The undersigned is authorized to sign this undertaking.

Yours sincerely,

Authorized Signatory:
Name and Title of Signatory (with seal):
E-mail:
Mobile No: