



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 Fax: 0495-2287168

LIMITED TENDER ENQUIRY

By Speed Post

Ref. No.: 2(1112)/2019-20/PATP/EQPT-4

Date: **06.11.2019**

As per list attached (**16 Nos.**)

DUE DATE: 26.11.2019

1. Quotations are invited for the supply of the items as per Annexure.
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. The quotations should be valid for acceptance for a period of **sixty days** from the due date
4. Quotations will not be accepted by Fax, Email or any such electronic data transfer form.
5. The quotations should be for goods exactly conforming to our requirements and specifications.
6. If the item is under DGS&D Rate contract, the number and the price applicable must be mentioned. It may also please be indicated whether the supply can be made direct to us at the DGS&D Rate Contract Price.
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. Quotations 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 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 (E.M.D.) for Rs. 21,000/- 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.**

Yours faithfully,

**Purchase In-Charge
For Executive Director**

Encl: **Annexure**

ANNEXURE TO ENQUIRY

Your Quotation No.

Date:

1	Name of item(s)	1. Desktop PC – 5 Nos. 2. Server PC – 1 No. 3. Laptop PC – 2 Nos. 4. 10 port Managed Switch – 1 No. 5. 8 port Switch – 4 Nos. 6. Wireless Modem Router – 2 Nos.
2	Specifications & Quantity As per Specifications attached.	
3	Price per unit in Rs. (in figures & words)	Attach separate list, if required.
4	Total Price in Rupees (in figures & words)	
5	Delivery Period	
6	Terms of Delivery	
7	Taxes, Duties, Octroi & any other statutory levies or charges	
8	Transportation, Insurance, Packing & Forwarding etc.	
9	Discount/off etc., if any	
10	GST Registration No.	
11	Payment Terms	
12	Validity of Tender	
13	Warranty	
14	Any other remarks / EMD Amount and Payment details	
15	Signature of the Tenderer with Name and Date	
16	Address with Email ID & Mobile No.	
17	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

Desktop PC Specification (Minimum specification to meet) – Quantity - 5 Nos .

Item	Specification
Processors	Core i7
Chipset	Intel Q370 Chipset
DVD	8x DVD-ROM 9.5mm ODD
Memory	8 GB (4DIMM Slot) – Expandable up to 64 GB
Storage	3.5 inch 1TB 7200rpm SATA Hard Disk Drive
Graphics Options	4GB Graphics with mDP out
Networking	Integrated Intel I219-LM Ethernet LAN 10/100/1000
I/O Ports	RJ-45 DisplayPort & VGA Port 1 Universal Audio Jack 1 Line-Out
External USB	1 x USB Type-C 3.1 Gen 2; 5 x 3.1 Gen 1 Type-A and 4 x 2.0 (one with PowerShare), 2 Type A rear (both SmartPower On)
Expansion Slots	1 Full Height PCIe x16 1 Full Height PCI and 1 Full Height PCIe x 1
Power Supply	260W typical 85% Efficient PSU (80 PLUS Bronze); ENERGY STAR compliant
Accessories	USB Keyboard & USB Mouse
Operating System (OS)	DOS Supports - Microsoft Windows 10 Pro (64-bit)
System Certifications	ENERGY STAR, EPEAT Gold, MET, FCC
Warranty	3 Years
Monitor	54.61 cm(21.5), 1920 x 1080 Full HD IPS Display Connectivity VGA, HDMI Port Refresh rate 60Hz LED Backlit
Catalogue	Provide catalogue of the items

Specification for Server PC (Minimum spec to meet): Quantity 1 No.

Item	Specification
Cabinet type	Tower
Processor	Two Intel® Xeon® Scalable processors, 8 cores per processor (1.7G, 8C/8T, 11M Cache)
Internal controllers	RAID Card (Supporting 0 1 5)with 2GB Cache, Boot Optimized Storage Subsystem: HWRAID 2 x M.2 SSDs 120GB, 240 GB,12 Gbps SAS HBA
Memory	8 x2 16GB RDIMM, 2666MT/s
HDD	2 x 1TB, SATA/SAS, Hot – plug Hard Drive, M2 SSD of 120GB or 240 GB
Power Supply	495W, Cable AC PSU
Security	TPM 1.2/2.0 Optional,Cryptographically signed firmware,Silicon Root of Trust
Optical Drive	DVD+/-RW SATA Internal
I/O & Ports	2 x 1GbE LOM,9 x USB (5 x USB 2.0, 4 x USB 3.0),Video card: VGA,Up to 5 PCIe Gen3slots
Supported operating systems	Canonical® Ubuntu® LTS,Citrix® XenServer®,Microsoft Windows Server® withHyper-V,Red Hat® Enterprise Linux,SUSE® Linux Enterprise Server,VMware®ESXi
Integrations	OpenManage integrations: Microsoft® System Center, VMware® vCenter™, BMCSoftware
Warranty	3 Yrs. Pro-Support Next BusinessDay

Laptop PC (Minimum Specification to meet) - Quantity -2 Nos.

Item	Specification
Processor	Intel i7-8550U 4 Core 8 Threads Base frequency 1.8 GHz, Max 4.0 GHz (i7-8 th Generation Intel)
Chipset	Intel SoC (System on Chip) platform.
Memory	8GB - DDR4 Extendable up to 32GB Max / 2400MHz DDR4, dual-channel capable, two DDR4 SO-DIMM sockets
Storage	M.2 SSD 512 GB or above
Graphics	Intel HD Graphics 620 or Intel UHD Graphics 620 in processor only
Display	15.6" HD (1366x768), anti-glare, LED backlight, 16:9 aspect ratio, 500:1 contrast ratio
Ethernet	Gigabit Ethernet connection
Ports	Two USB 3.1 Gen 1 (one Always On), Two USB 3.1 Type-C Gen 1 (with the function of Power Delivery and DisplayPort), HDMI 1.4b, Ethernet (RJ-45), Headphone / microphone combo jack, MicroSD card reader,
Battery	Integrated Li-ion battery, with minimum 10hours backup or better
Operating system	DOS
Supported Operating systems	Must support Windows 10 Pro 64
WIFI + Bluetooth	Wi-Fi 802.11ac + Bluetooth 4.1 or equivalent /above
Keyboard	6-row, spill-resistant, multimedia Fn keys, optional LED backlight TrackPoint pointing device and button less surface multi-touch touchpad
Warranty	3 Years 3 Years accidental damage protection

Minimum Specification for 10-Port Gigabit PoE Managed Switch – Quantity -1 No.

Item	Specification
Ports (10 port Gigabit Ethernet)	8 ports x 10/100/1000 (8 Gigabit Ethernet) 2 x combo Gigabit SFP (2 Gigabit Ethernet combo)
Interfaces	8 x 10Base-T/100Base-TX - RJ-45 - PoE (8 x PoE+, 2 x 60W PoE PD) 1 x RJ-45 console - management 1 x USB port - file management 2 x 10Base-T/100Base-TX/1000Base-T - RJ-45 / SFP (combo)
Port grouping	<ul style="list-style-type: none">● Support for IEEE 802.3ad Link Aggregation Control Protocol(LACP)● Up to 8 groups● Up to 8 ports per group with 16 candidate ports for each (dynamic) 802.3ad link aggregation
Voltage required	AC 120/230 V (50/60 Hz)
Performance:	
Switching capacity	20 Gpps
Forwarding performance (64-byte packet size)	14.88 Mpps
MAC address table size	16K entries
Remote management protocol	SNMP 1, RMON 1, RMON 2, RMON 3, RMON 9, Telnet, SNMP 3, SNMP 2c, HTTP, HTTPS, TFTP, SSH, CLI
RAM	512 MB
Power over Ethernet (PoE)	Power over Ethernet+ (8 ports, 62 W)
Interfaces	8 x 10Base-T/100Base-TX - RJ-45 - PoE (8 x PoE+, 2 x 60W PoE PD) 1 x RJ-45 console - management 1 x USB port - file management 2 x 10Base-T/100Base-TX/1000Base-T - RJ-45 / SFP (combo)
Enclosure type	Compact - 1U
Operating temperature	32° to 104°F (0° to 40°C)
Unit weight	Less than 1.2 kg
warranty	1 year

Minimum Specification for 8 Port Unmanaged Switch –Quantity - 4 Nos.

Item	Specification
Product/ Primary Port	8-Port 10/100/1000 Mbps Unmanaged Switch
Connectivity	Eight Gigabit Ethernet LAN ports for high-speed wired connections Cable Diagnostics Function notifies users of cable conditions through product LEDs
Switching Capacity	10 Gbps switching fabric or above
Data Transfer Rates	Gigabit Ethernet 2000 Mbps (full duplex)
RAM Buffer	256 KB per device
MTBF (mean time between failures)	1,900,000 hours or above
LED Indicators	Per port: Link/Activity/Speed Per device: Power
Standards (cable)	<ul style="list-style-type: none">• IEEE 802.3 10BASE-T• IEEE 802.3u 100BASE-TX• IEEE 802.3ab 1000BASE-T• IEEE 802.3x Flow Control• IEEE 802.1p QoS• IEEE 802.3az Energy-Efficient Ethernet (EEE)
Power / Power Consumption	<ul style="list-style-type: none">• DC 12 V / 0.5 A• Power On (Standby): 0.7 watts• Maximum: 3 watts
Certifications	<ul style="list-style-type: none">• CE Class B• CE (LVD 2006/95/EC)

Minimum Specification for Wireless ADSL2+ Modem Router – Quantity – 2 Nos.

Item	Specification
Product	Wireless ADSL2+ Modem Router (ADSL - Asymmetric Digital Subscriber Line)
Wireless speed, WiFi	N300 (wireless 300Mbps) , 2.4 GHz
LAN / Device Interfaces	<ul style="list-style-type: none">• 4 x Fast Ethernet (1 switchable WAN)• RJ-11 ADSL port• 4 RJ-45 10/100BASE-TX Ethernet ports with auto MDI/MDIX• Factory reset button• Built-in 802.11n wireless LAN• Power on/off switch / WPS button
USB	1 X USB 2.0
ADSL Standards / ADSL2 Standards	Multi-mode ANSI T1.413 ITU G.992.1 & ITU G.992.2 ITU G.992.3
Wireless speed	Up to 54 Mbps (802.11g), 300 Mbps (802.11n) G.dmt: 8 Mbps downstream, 832 Kbps upstream G.lite: 1.5 Mbps downstream, 512 Kbps upstream ADSL2: 12 Mbps downstream, 1 Mbps upstream ADSL2+: 24 Mbps downstream, 1 Mbps upstream
Power Input	Through 0.5A external power adapter
Warranty	1 year