NATIONAL INSTITUTE OF TECHNOLOGY KARNATAKA, SURATHKAL

DEPARTMENT OF ADMINISTRATION
POST SRINIVASNAGAR, MANGALORE – 575 025 (D K)

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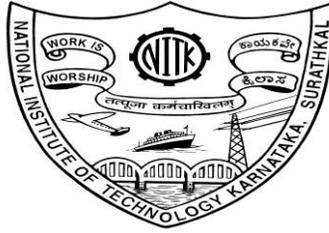
NOTICE INVITING QUOTATION

Notification. No: NITK/ADMN-DEAN(R&C)/DESKTOP/2024-25/A8   dated: 07/05/2024

Name of Goods	a) Desktop Computer b) Printer
Estimated Amount	1,50,000/-
Time for Supply of item after release of Purchase order	**15 Days**
Document Download / Sale Start Date	08/05/2024 at 3:30PM
Clarification Start Date	08/05/2024 at 3:30PM
Clarification End Date	1505/2024 at 3:30PM
Bid Submission Start Date	08/05/2024 at 3:30PM
Last Date for submission of bids	24/05/2024 **before 3:00 PM**
Bid Opening Date	24/05/2024 **before 4:00 PM**
Address for Submission of bids	**Superintendent Purchase Purchase Section NITK, Surathkal P O Srinvasnagar – 575 025 Ph :0824 -2473014**

Notification. No: NITK/ADMN-DEAN(R&C)/DESKTOP/2024-25/A8 ....   dated: 07/05/2024

NOTICE INVITING QUOTATION (NIQ)

The National Institute of Technology Karnataka, Surathkal (in short – NITK, Surathkal) is an
Institute Of National Importance Under Ministry of Education Govt of India, imparting Technical Education and
engaged in Research Activities. It is proposed to procure the items for the departmental academic/research activities.

Sealed Quotations as per the Price Schedule given in this NIQ are invited for the following items subject to
the terms and conditions, from the reputed manufacturers or its authorised dealers so as to reach on or before
scheduled date and time. The quotations in the firm's Business letter head should be address to the "Director, NITK,
Surathkal". The envelope shall be superscribed with the Quotation Notification Number and the Name of the Goods
for which quotation is submitted.

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Sd/-
Asst Registrar Purchase

Note: Institute shall not be responsible for any postal delay about non-receipt /non-delivery of the bids or due to wrong
addressee.

SECTION-1
Terms and Conditions

1. The rates should be quoted for preferably FOR destination from supply within India.

2. The bidder shall indicate the excise duty exemption for the goods if applicable.

3. The rate quoted should be on unit basis. Taxes and other charges should be quoted separately, considering exemptions if any. The rate should be quoted in INR only

4. Rate quoted should be inclusive of Testing, commissioning and Installation of equipment and Training.

5. Payment: No advance payment will be made. Payment will be made only after the supply of the item in good and satisfactory condition and receipt of performance security by supplier.

6. Guarantee/Warrantee period should be specified for the complete period should be specified in section 3 of this tender document.

7. Period requirement for the supply and installation of item should be specified in section 3 of this tender document.

8. In case of dispute, the matter will be subject to Mangalore Jurisdiction only.

9. **Liquidated Damages:** Timely delivery is the essence of the contract and hence if the Supplier fails to deliver Goods within the original/extended delivery period(s) specified in the contract, the Institute will be entitled to deduct/recover the Liquidated Damages for the delay, unless covered under Force Majeure conditions aforesaid, **@ 1% per week or part of the week of the delayed period** as pre-estimated damages not exceeding 5% of the contract value without any controversy/dispute of any sort whatsoever.

SCHEDULE OF REQUIREMENTS, SPECIFICATIONS AND ALLIED DETAILS
[To be filled up by the Department / Centre of NITK, Surathkal]

Item(s) Name to be Procured : **a) Desktop Computer**
                                              b) Printer

Brief Specifications of the Item(s) : **Attached**
(Attach Additional Sheet if necessary)

Quantity : **01 No. each**

Any other details / requirement :

Warranty Period required : **05 years**

Delivery Schedule expected
after placement of Purchase order
(in Weeks) : **2 weeks**

SECTION 3
PRICE SCHEDULE
[To be used by the bidder for submission of the quotation]

1. Item Name   :

2. Specifications
    (Conforming to Schedule of requirements
     Enclose additional sheets if necessary)   :

3. Currency and Unit Price   :

4. Quantity   :

5. Item Cost (Sl No. 3 * Sl. No. 4)   :

6. Taxes and Other Charges   :
    (i) Specify the type of taxes and duties
        in percentages and also in figures.
    (ii) Specify Other Charges in figures.

7. Warranty Period   :
    (Conforming to the Schedule of
     requirements)

8. Delivery Schedule   :
    (Conforming to the Schedule of requirements)

9.   Name and address of the Firm for   :
     placing purchase order

10.   Name and address of Indian authorized
      agent (in case of imports only)   :

Signature of the Bidder: _____

Name   and Designation: _____

Business Address   : _____

                              _____

Place: **Seal of the Bidder's Firm**
Date:

SECTION 4
CONTRACT FORM
[To be provided by the bidder in the business letter head]

1.   (Name of the Supplier's Firm) hereby abide by the delivery schedule mentioned in this document for supply of the items if the purchase order is awarded.

2.   The item will be supplied conforming to the specifications stated in this document without any defect and deviations.

3.   Warranty will be given for the period mentioned in this document and service will be rendered to the satisfaction of NITK, Surathkal during this period.

Signature of the Bidder: _____

Name   : _____

Business Address   : _____

_____

Place :   **Seal of the Bidder's Firm**
Date :

SrNo.	Description	Technical Specifications
1	Make & Model	To be specified by supplier (Only a Business/Enterprise series of TOWER desktop to be quoted). The brand quotedand the vendor should not be black listed on any of Govt, Semi Govt or similar entities. (Self-attested declaration should be submitted with respect to same).
2	ISO Certification	Manufacturing facility/brand should be ISO 9001:2015, ISO 140012015 & ISO/IEC 27001: 2013 certified.
3	Form Factor	Tower Model /Micro Tower 13 Liters or Higher Capacity
4	Processor / CPU	**Intel® Core™ i7-13700 (1.5 GHz E-core base frequency, 2.1 GHz P-core base frequency, up to 4.1 GHz E-core Max Turbo frequency, up to 5.1 GHz P-core Max Turbo frequency, 30 MB L3 cache, 8 P-cores and8 E-cores, 24 threads)**
5	Chipset	**Commercial Class Intel® Q670 Chipset**
6	Memory	**32GB (1x32GB) DDR5-4800 SD RAM (Transfer rates up to 4400 MT/s.)Memory expandability up to 128 GB with4 DIMM Slots**
7	Graphics	**NVIDIA® T400 (4 GB GDDR6 dedicated)**
8	SSD	**1TB 2280 PCIe NVMe Value Solid State Drive**
9	HDD	1TB 7200RPM SATA 3.5in HDD
10	Optical Drive	DVD-Writer ODD
11	Audio	Integrated audio controller with internal speaker of at least 2W
12	Bays	1 slim ODD; 1 removable M.2 SSD bay; Two 3.5"
13	Ports and Connectors	Front: 1 headphone/microphone combo; 4 USB 3.2 Gen 1 & at least 1 USB type C Rear: 1 audio-in/out; 1 RJ-45; 1 HDMI 1.4; 3 USB 2.0, 3 USB 3.2 Gen 1,
14	Keyboard & Mouse	USB Keyboard and USB Optical Scroll Mouse (Same make as PC).
15	Expansion slots	2 PCIe 3 x1; 1 PCIe 3 x16 (wired as x4); 2 M.2 2280; 1 PCIe 4 x16 (1 M.2 2230 slot for WLAN and 2 M.2 2280slots for storage)
16	Power Supply	260 W with 90% efficiency or better
17	Monitor	**23.8" Monitor with Minimum resolution of 1920x1080, with VGA , HDMI,, TCO 8.0 Certified(Same OEM as desktop**)
18	Operating System	**Microsoft Windows 11 Professional with OEM Recovery DVD or option of Cloud Recovery**
19	Wifi and Bluetooth	Intel AX211 Wi-Fi 6E 160 MHz +Bluetooth 5.3 WW WLAN
20	Ethernet	Integrated Gigabit ethernet
21	Certification	Microsoft Windows 11 FCC, CE, RoHS, UL, EPEAT, Energy Star, MIL STD 810ISO 9001, 14001, 20001, 27001 for OEM
22	Warranty	**5-Years Comprehensive Onsite Warranty including Genuine Windows 11 Professional OperatingSystem, Monitor, Keyboard (KBD) & Mouse from the OEM.** In case of HARDWARE breakdown, service calls must be attended by OEM engineer directly within 24 hours. In case of downtime more than 72 hours, a standby must be provided post installation, 5-year product warranty including, Genuine Windows 1 1 Professional, Monitor, KBD & Mouse should reflect in the support website of theOEM. **Supplier should provide at least one resident service engineer in NITK Campus for attendingservice calls immediately.**
23	Microsoft Office	**2021-standard**

PRINT	
Printing Method	Monochrome Laser Beam Printing
Print Speed (A4)	27 pages per minute
Print Resolution	600 x 600dpi
Print Quality with Image RefinementTechnology	1 200 x 1 200dpi (equivalent)
Warm-Up Time (From Power On)	13.5s or less
First Print Out Time (FPOT) A4	6.0s
Recovery Time(From Sleep Mode)	2.0s or less
Print Language	UFR II LT, PCL 6
Auto DuplexPrinting	Standard
Available PaperSize for Auto	A4, Letter, Legal [*1], Indian Legal, Foolscap

Duplex Print		
Print Margin	5mm-top, bottom, left and right (Other sizesthan Envelope) 10mm-top, bottom, left and right (Envelope)	
COPY		
Copy Speed (A4)	27 pages per minute	
Copy Resolution	600 x 600dpi	
First Copy Time(FCOT) A4	9.0s	
Maximum Number of Copies	999 copies	
Reduce / Enlargement	25 - 400% in 1% increments	
Copy Features	Memory Sort, 2 on 1, 4 on 1, ID Card Copy	
SCAN		
Scan Type	Colour Contact Image Sensor	
Scan Resolution	Optical	600 x 600dpi
	Driver Enhanced	9 600 x 9 600dpi
Maximum ScanSize	Platen Glass	216 x 297mm
Scan Speed [*2]	Platen Glass	3.0s per sheet (mono)4.0s per sheet (colour)
	ADF (A4)	20 images per minute (ipm) / 15 images perminute (ipm) (mono /colour)
Colour Depth	24bit	
Pull Scan	Yes, USB and Network	
Push Scan (ScanTo PC) with MF Scan Utility	Yes, USB and Network	
Scan To Cloud	Yes, MF Scan Utility	
Scan Driver Compatibility	TWAIN, WIA, ICA	
PAPER HANDLING		
Auto DocumentFeeder (ADF)	35 sheets (80g/m^2)	
Available PaperSize for ADF	A4, B5, A5, B6, Letter, Legal (Minimum 105 x 148mm to Maximum 216 x356mm)	

Paper Input	Standard Cassette	250 sheets
	Multi-Purpose Tray	1 sheet
Paper Output (Based on 68g/m^2)	100 sheets (face down)	
Paper Size	Standard Cassette	A4, B5, A5, Legal, Letter,Statement, Executive, Government Letter, Government Legal, Foolscap, Indian Legal Custom (Minimum 76.2 x210mm to Maximum 216x 356mm)
	Multi-Purpose Tray	A4, B5, A5, Legal, Letter,Statement, Executive, Government Letter, Government Legal, Foolscap, Indian Legal Custom (Minimum 76.2 x127mm to Maximum 216x 356mm)
Paper Weight	Standard Cassette	60 to 163g/m^2
	Multi-Purpose Tray	60 to 163g/m^2
Paper Type	Plain, Heavy, Recycled, Color, Bond, Label, IndexCard, Envelope	
CONNECTIVITY& SOFTWARE		
Standard Interface	Wired	High-Speed USB 2.0 10 / 100 Base-T Ethernet
	Wireless	Wi-Fi 802.11b/g/n (Infrastructure mode, WPS Easy Setup, DirectConnection)
Network Interface	Print	LPD, RAW, IPP / IPPS,WSD-Print (IPv4, IPv6)
	Scan	WSD-Scan (IPv4, IPv6)
	TCP / IP Application Services:	Bonjour(mDNS), DHCP,BOOTP, RARP, Auto IP (IPv4), DHCPv6 (IPv6)
	Management	SNMPv1/v3 (IPv4, IPv6),HTTP / HTTPS, SNTP
Network security	Wired	IP / Mac address filtering,SNMPv3, SSL (HTTPS / IPPS), IEEE802.1x

	Wireless	WEP 64 / 128bit, WPA- PSK (TKIP / AES), WPA2-PSK (AES)
Mobile Printing Capability	Canon PRINT Business, Canon Print Service,Apple AirPrint™, Mopria® Print Service	
Compatible Operating Systems	Microsoft® Windows® 10 (32 / 64bit), Windows® 8.1 (32 / 64bit), Windows® 8 (32 / 64bit), Windows® 7 (32 / 64bit), Windows Vista® (32 / 64bit), Windows® Server 2012 R2(64bit), Windows® Server 2012 (64bit), Windows® Server 2008 R2 (64bit), Windows®Server 2008 (32 / 64bit), Windows® Server 2003 R2 (32 / 64bit), Windows® Server 2003(32 / 64bit), Mac OS X [*4] 10.6.8~, Linux [*3]	
Software Included	Printer driver, Scanner driver, MF Scan Utility,SSID Tool, Toner Status	
GENERAL		
Device Memory	512Mb	
Operational Panel	6.9cm BW LCD	
Dimensions (W x D x H)	390 x 371 x 360mm (Cassette closed)390 x 441 x 360mm (Cassette opened)	
Weight	12.1kg (without cartridge)12.7kg (with cartridge)	
Power Consumption	Maximum	1 150W or less
	During Operation (Average)	490W
	During Standby(Average)	4.1W
	During Sleep(Average)	1.3W (USB connection)1.4W (Wired LAN connection) 2.1W (Wireless LANconnection)
Noise level [*4]	During Operation	Sound Pressure Level:52.0dB Sound Power Level: 6.6dB
	During Standby	Sound Pressure Level:Inaudible [*5] Sound Power Level: 43dB
Operating Environment	Temperature: 10 - 30°C Humidity: 20 - 80% RH (no condensation)	
Power Requirement	AC 220 - 240V (±10%), 50 / 60Hz (±2Hz)	
Consumables [*6]	Toner (Standard)	Cartridge 337: 2 400prints

	(bundled: 1 700 prints)
Monthly DutyCycle [*7]	15 000 prints