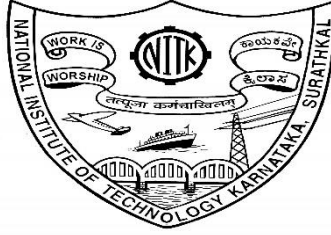# NATIONAL INSTITUTE OF TECHNOLOGY KARNATAKA, SURATHKAL

DEPARTMENT OF MECHANICAL ENGINEERING
POST SRINIVASNAGAR, MANGALORE – 575 025 (D K)
Phone: (0824) 2474000.   Fax: (0824) 2474033
E- mail: info@nitk.ac.in   **Website: http://www.nitk.ac.in**

NOTICE INVITING QUOTATION

Notification. No: NITK/ME/2476/2022   dated: ……10/01/2022…..

Name of Goods	Color printer
Estimated Amount:	60,000/-
Time for Supply of item after release of Purchase order	20 **(Days)**
Document Download / Sale Start Date	10/01/2022, 5.30 PM
Clarification Start Date	NA
Clarification End Date	NA
Bid Submission Start Date	10/01/2022 at 5.30 PM
Last Date for submission of bids	25/01/2022 **before 5.00 PM**
Bid Opening Date	25/01/2022, 5.30 PM
Address for Submission of	Dr. N Gnanasekaran Asst. Professor, Dept. of Mechanical Engineering NITK, Surathkal-575025 Ph. No. +91 9940871337

Phone: (0824) 2474000	Fax: (0824) 2474033
E- mail: info@nitk.ac.in	Website: http://www.nitk.ac.in

Notification No:NITK/ME/2476/2022   Date: …10/01/2022…

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.

Name of Goods	Color Printer
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Bid Opening Date	25/01/2022, 5.30 PM

Sd/-
HOD

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.

SECTION-2
SCHEDULE OF REQUIREMENTS, SPECIFICATIONS AND ALLIED DETAILS
[To be filled up by the Department / Centre of NITK, Surathkal]

Item(s) Name to be Procured : Colour printer

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

Quantity :1

Any other details / requirement : Non

Warranty Period required : 2 to 3

Delivery Schedule expected
after placement of Purchase order
(in Weeks) : Three 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]

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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 :

PRINTER SPECIFICATIONS

PRINT

Printing Method Colour Laser Beam Printing

Print Speed

A4 Up to 21 / 21 ppm (Mono/Colour)

Letter Up to 22 / 22 ppm (Mono/Colour)

2-Sided Up to 12 / 12 ppm (Mono/Colour)**Print Resolution** 600 x 600 dpi

Print Quality with Image Refinement Technology 1,200 x 1,200 dpi (equivalent)

Warm up Time (From Power On) 13.0 sec or less

First Printout Time (FPOT) A4 Approx. 10.4 / 10.5 sec (Mono/Colour)

Letter Approx. 10.3 / 10.3 sec (Mono/Colour)

Recovery Time (From Sleep Mode) Approx. 6.1 sec or less

Print Language UFR II, PCL 6, Adobe® PostScript® 3™

Auto Duplex Print Standard

Available Paper Size for Auto Duplex Print A4, B5, Letter, Legal, Executive, Foolscap, Indian Legal
Supported File Format for USB Direct Print Supported File Format: JPEG, TIFF, PDF

Print Margins 5 mm - top, bottom, left and right (Envelope: 10 mm)

Print Features Poster, Booklet, Watermark, Page Composer, Toner Saver

COPY

Copy Speed

A4 Up to 21 / 21 ppm (Mono/Colour)

Letter Up to 22 / 22 ppm (Mono/Colour)**Copy Resolution** 600 x 600 dpi

First Copy Time (FCOT) A4 Approx. 11.4 / 13.4 sec (Mono/Colour)

Letter Approx. 11.2 / 13.1 sec (Mono/Colour)

Maximum Number of Copies Up to 999 copies

Reduce/Enlargement 25 - 400% in 1% increments

Copy Features Frame Erase, Collate, 2 on 1, 4 on 1, ID Card Copy, Passport Copy

SCAN

Scan Type Colour Contact Image Sensor

Scan Resolution Optical Platen glass: up to 600 x 600dpi, Feeder: up to 300 x 300dpi

Driver Enhanced Up to 9,600 x 9,600 dpi

Maximum Scan Size Platen Glass up to 216.0 x 297mm

Feeder up to 216.0 x 355.6mm

Color Depth 24-bit
Duplex Scan Yes

Pull Scan Yes, USB and Network

Push Scan (Scan To PC) with Scan Utility Yes, USB and Network
Scan to USB (via USB Host 2.0) Yes

Scan Driver Compatibility TWAIN, WIA

Scan Speed(*1) 1-Sided: 26.1 ipm (mono), 13.3 ipm (colour), 2-Sided: 51.2 ipm (mono), 26.1 ipm(colour)

Scan to Cloud Scan Utility

SEND

Sending Method SMB, Email, FTP, iFAX Simple

Color Mode Full Colour, Grayscale, Monochrome

Scan Resolution 300 x 600 dpi

File Format JPEG, TIFF, PDF, Compact PDF, PDF (OCR)

FAX

Modem Speed Up to 33.6 Kbps

Fax Resolution Up to 408 x 392

dpi

Compression Method MH, MR, MMR, JBIG

Memory Capacity(*2) Up to 512 pages

Favourite Dials (in address book) 19 dials

Speed Dial (Coded Dial) Up to 281 dials

Group dials / Destinations Max. 299 dials / Max. 299 destinations

Sequential Broadcast Max 310 destinations

Duplex Fax (Transmission) Yes

Receive Mode Fax Only, Manual, Answering, Fax/Tel Auto Switch

Memory Backup Permanent fax memory backup. (Backup with flash memory)

Fax Features Fax Forwarding, Dual Access, Remote Reception, PC Fax(Transmission only),

DRPD, ECM, Auto Redial, Fax Activity Reports, Fax Activity Result Reports, Fax Activity ManagementReports

Transmission Time Approx. 2.6 sec

AUTO DUPLEX PRINTING

Doublesided printing function.

PAPER HANDLING

Duplex Auto Document Feeder (DADF) 50 sheets (80g/m2)

Available Paper Size for ADF A4, B5, A5, Letter, Legal, Statement (min. 139.7 x 128.0 mm to max. 216.0 x 355.6 mm)

Paper Input

Cassette 250 sheets

Multi-Purpose Tray 1 sheet
Optional Paper Feeder N/A

Maximum Paper Input Capacity 251 sheets

Paper Output 100 sheets
Paper Size

Cassette : A4, B5, A5, Letter, Legal, Statement, Executive, Government Letter, Government Legal,

Foolscap, Indian Legal, Custom (Min. 76.2 x 127.0mm to Max. 216.0 x 355.6mm)

A4, B5, A5, Letter, Legal, Statement, Executive, Government Letter, Government

Legal,Foolscap, Indian Legal, Custom (Min. 98.0 x 148.0mm to Max. 216.0 x

355.6mm) **Multi-Purpose Tray:**

A4, B5, A5, Letter, Legal, Statement, Executive, Government Letter, Government Legal, Foolscap,Indian Legal, Index Card

Envelope: COM10, Monarch, C5, DL

Custom (Min. 76.2 x 127.0mm to Max. 216.0 x 355.6mm)

Optional Paper Feeder N/A

Paper Types Plain, Thick, Coated, Recycled, Colour, Label, Postcard, Envelope

Paper Weight

ADF 50 to 105g/m2

Cassette / Optional Paper Feeder 60 to 200g/m2

Multi-Purpose Tray 60 to 200g/m2

CONNECTIVITY & SOFTWARE

Standard Interface

Wired USB 2.0 High Speed, 10Base-T/100Base-

TX/1000Base-TWireless Wi-Fi 802.11b/g/n

(Infrastructure mode, WPS easy Setup, Direct

Connection) Near Field Communication (NFC) N/A

Yes (Passive) **Network Protocol**

Print LPD, RAW, WSD-Print (IPv4,IPv6)

Scan Email, SMB, WSD-Scan(IPv4, IPv6), FTP

TCP/IP Application Services Bonjour(mDNS), HTTP, HTTPS, POP before SMTP (IPv4,IPv6), DHCP,ARP+PING, Auto IP, WINS (IPv4), DHCPv6 (IPv6)

Management SNMPv1, SNMPv3 (IPv4,IPv6)

Network Security Wired IP/Mac address filtering, HTTPS, SNMPv3, IEEE802.1x, IPSEC

Wireless WEP 64/128 bit, WPA-PSK (TKIP/AES), WPA2-PSK (AES)

One-Push Wireless Configuration Wi-Fi Protected Setup

(WPS) Other Features Department ID, Secure Print,

Application LibraryAddress Book LDAP

Compatible Operating Systems(*3) Windows® 10, Windows® 8.1, Windows® 7, Windows Server® 2016, Windows Server® 2012 R2, Windows Server® 2012,

Windows Server® 2008 R2, Windows Server® 2008, Mac® OS X 10.9.5 & up (*4), Linux

(*4)Software Included Printer driver, Fax driver, Scanner driver, MF Scan Utility, Toner

Status

GENERAL

Device Memory 1 GB

LCD Display WVGA Colour LCD 5.0" Touch Screen Display

Dimensions (W x D x H) 451 x 460 x 413 mm 471 x 469 x 460 mm

Weight 20.5 kg

Power Consumption (Maximum) 850 W or less

Power Consumption (Average; During Operation) Approx. 370 W

Power Consumption (Average; During Standby) Approx. 11 W

Power Consumption (Average; During Sleep) Approx. 0.8 W (USB/ LAN / Wi-Fi)

Noise Levels(*5) During Operation Sound Pressure Level: 51 dB, Sound Power Level: 69.4 B SoundPressure Level: 49 dB, Sound Power Level: 70.5 dB

During Standby Sound Pressure Level: Inaudible, Sound Power Level: 43 dB

Operating Environment Temperature

10 - 30°CHumidity 20% - 80% RH (no

condensation)

Power Requirements AC 220 - 240 V(+/- 10%) , 50/60 Hz(+/- 2 Hz)

Toner Cartridge(*6)

Standard Cartridge 054 BK: 1,500 pages (bundled: 1,500 pages) Cartridge 054 C/M/Y: 1,200 pages
(bundled: 680 pages)

High Cartridge 054H BK: 3,100 pages, Cartridge 054H C/M/Y: 2,300 pages

Monthly Duty Cycle(*7) 30,000 pages

OPTIONAL ACCESSORIES

Paper Feeder N/A Cassette Feeding Unit-AF1

(550 sheets)Barcode Printing Barcode Printing

Kit-E1

Attachment Kit for NT-Ware Mi-Card Reader Mi-Card

Attachment Kit-B1MF645Cx MF746Cx SPECIFICATIONS

*1 Speed of scanning via the document feeder, A4 size, scan resolution 300 x 300 dpi.

*2 Based on ITU-T #1 Chart (standard mode).

*3 ScanGear is not available for Windows Server 2003/2008/2012.

*4 The latest drivers for Mac OS and Linux can be downloaded from the https://asia.canon website whenavailable. Only the print function is supported for Linux.

*5 Tested in accordance to ISO 7779 and declared per ISO 9296

*6 Toner cartridge yield is in accordance with ISO/IEC 19798.

*7 Monthly Duty Cycle value provides a means of comparison for product robustness in relation toother Canon multi-function laser devices, and does not refer to actual maximum image output

per month.