

NATIONAL INSTITUTE OF TECHNOLOGY KARNATAKA, SURATHKAL

DEPARTMENT OF MECHANICAL ENGINEERING

POST SRINIVASNAGAR, MANGALORE – 575 025 (D K)
A DEEMED UNIVERSITY

Phone: (0824) 2474000.

Fax: (0824) 2474033

E- mail: info@nitk.ac.inWebsite: <http://www.nitk.ac.in>**NOTICE INVITING QUOTATION**

Quotation Notification . No.

NITK/ME/248/2020

Dated

Dt: 10-01-2020

Name of Goods**: COLOUR PRINTER**Time for Supply of item
after release of Purchase order

15 Days.

Last Date for submission of Quotation : 15/02/2020 **before 3.00 PM**Address for Submission of Quotation: **Dr. N Gnanasekaran, Assistant Professor,
Dept. of Mechanical Engineering, NITK,
Surathkal-575025.
Ph. No.: +91 9940871337**



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NOTICE INVITING QUOTATION (NIQ)

The National Institute of Technology Karnataka, Surathkal (in short – NITK, Surathkal) is an autonomous body under Ministry of HRD Govt of India , a Deemed University , 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.

1. Name of Goods : COLOUR PRINTER
(Specifications are annexed to this NIQ)

2. Time for completion of Supply after release of Purchase Order : 15 DAYS

3. Last date at time for submission of quotation : 15/02/2020 before 03:00 PM

4. Quotations to be submitted at the following address :

**Dr. N Gnanasekaran, Assistant Professor,
Dept. of Mechanical Engineering, NITK,
Surathkal-575025.
Ph. No.: +91 9940871337**

[Signature of HOD with Seal]

Dr. SHRIKANTHA S. RAO
Professor & Head

Dept. of Mechanical Engineering
National Institute of Technology, Karnataka, Surathkal
SrinivASNagar- 575 025, Mangalore (INDIA)

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

Terms and Conditions

1. The rates should be quoted for preferably FOR destination from supply within India.
2. **In case, Goods are to be Imported, the Indian agent should furnish authorisation certificate by the principles abroad for submission of the bid in response to this Notice Inviting Tender.** In case of import both CIF and/ or FOB rate should be quoted . All components of expenditure to arrive at Bangalore need to be explicitly specified.
- 3 The bidder shall indicate the excise duty exemption for the goods if applicable.
- 3 The institute is eligible for customs duty exemption, excise duty exemption, issuance of form D.
4. The rate quoted should be on unit basis. Taxes and other charges should be quoted separately, considering exemptions if any.
5. Rate quoted should be inclusive of Testing, commissioning and Installation of equipment and Training.
6. 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.
In case of Imports, the payment will be made through LC / Sight Draft / After Installation, and performance security need to be submitted at the time of LC commitment / issue of sight draft.
7. Guarantee and Warrantee period should be specified for the complete period conforming to the section 3 of this tender document.
8. Period requirement for the supply and installation of item should be specified conforming to the section 3 of this tender document.
9. In case of dispute, the matter will be subject to Mangalore Jurisdiction only.

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) (Attach Additional Sheet if necessary)	: Specification sheet is enclosed
Quantity	: 1 no.
Any other details / requirement	:
Warranty Period required	: 2 years.
Delivery Schedule expected after placement of Purchase order (in Weeks)	: 2 weeks.

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 :
Date :

Seal of the Bidder's Firm

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 :

Date :

Seal of the Bidder's Firm

Specifications of colour printer

- **Printer type: Laser; Functionality: All-in-One; Scanner type – flatbed; Printer output: Colour**
- **Connectivity: WiFi, USB, Networking**
- **Pages per minute: 18 (Black), 18 (colour);**
- **Compatible Ink Cartridge - CRG045 CMYK; Page Yield - CRG045 K-1400 pages (Black), CRG045 CMY-1300 pages (Colour)**

Print		
Printing Method	Colour Laser Beam Printing	
Print Speed	A4	Up to 18 / 18ppm (Mono / Colour)
	Letter	Up to 19 / 19ppm (Mono / Colour)
Print Resolution	600 x 600dpi	
Print Quality with Image Refinement Technology	1,200 x 1,200dpi (equivalent) 9,600 (equivalent) x 600dpi	
Warm-Up Time (From Power On)	13.0 sec. or less	
First Print Out Time (FPOT)	A4	Approx. 10.9 / 12.0secs. (Mono / Colour)
	Letter	Approx. 10.7 / 11.9secs. (Mono / Colour)
Recovery Time (From Sleep Mode)	Approx. 6.1secs.	
Print Language	UFR II, PCL 6	
Auto Duplex Printing	Standard	
Available Paper Size for Auto Duplex Print	A4, B5, Letter, Legal(*1), executive, Foolscap, Indian Legal	
Direct Print	Supported File Format: JP EG, TIFF, PDF	
Print Margins	5 mm - top, bottom, left and right (Envelope: 10mm)	
Print Features	Poster, Booklet, Watermark, Page Composer, Toner Saver	
Copy		
Copy Speed	A4	Up to 18 / 18ppm (Mono / Colour)
	Letter	Up to 19 / 19ppm (Mono / Colour)
Copy Resolution	600 x 600dpi	
First Copy Time (FCOT)	A4	Approx. 12.0 / 14.0secs. (Mono / Colour)
	Letter	Approx. 11.7 / 13.8secs. (Mono / Colour)
Maximum Number of Copies	Up to 999 copies	
Reduce / Enlargement	25 - 400% in 1% increments	
Copy Features	Frame Erase, Memory Sort, 2 on 1, 4 on 1, ID Card Copy	
Scan		

Scan Type	Colour Contact Image Sensor	
Scan Resolution	Optical	Up to 600 x 600dpi
	Driver Enhanced	Up to 9,600 x 9,600dpi
Colour Depth	24- bit	
Pull Scan	Yes, USB and Network	
Push Scan (Scan To PC) with MF Scan Utility	Yes, USB and Network	
Scan to USB (via USB Host 2.0)	Yes	
Scan Driver Compatibility	TWAIN, WIA, ICA	
Scan Speed(*2)	1- Sided: 27 pages/minute (mono), 14 pages/minute (colour)	
Scan to Cloud	Yes, via MF Scan Utility	
Send		
Sending Method	SMB, E-mail, FTP, iFAX	
Colour Mode	Full Colour, Monochrome	
Scan Resolution	300 x 300dpi, 200 x 200dpi	
File Format	JPEG, TIFF, PDF, Compact PDF, PDF (OCR)	
Paper Handling		
Auto Document Feeder (ADF)	50 sheets (80g/m ²)	
Available Paper Size for ADF	A4, B5, A5, B6, Letter, Legal(*1) , Statement, Custom Size (min. 105 x 128 mm to max. 215.9 x 355.6mm)	
Paper Input	Cassette	150 sheets
	Multi-Purpose Tray	1 sheets
Paper Output	Maximum	151 sheets
	Print	100 sheets (face down)
Paper Size	Cassette	A4, B5, A5, Legal(*1) , Letter, Statement, Executive, Foolscap, Indian Legal Custom Size (min. 100 x 148mm to max. 215.9 x 355.6mm)
	Multi-Purpose Tray	A4, B5, A5, Legal(*1) , Letter, Statement, Executive, Foolscap, Indian Legal, Index Card Envelope: COM10, Monarch, C5, DL

		Custom Size (min. 76.2 x 127mm to max. 215.9 x 355.6mm)
Paper Types	Thin, Plain, Recycled, Heavy, Colour, Glossy, Postcard, Envelope	
Paper Weight	Cassette	52 to 163g/m ² (Glossy: up to 200g/m ²)
	Multi-Purpose Tray	52 to 163g/m ² (Glossy: up to 200g/m ²)
Connectivity & Software		
Standard Interface	Wired	USB 2.0 High Speed, 10Base-T / 100Base-TX / 1000Base-T
	Wireless	Wi-Fi 802.11b/g/n (Infrastructure mode, WPS easy Setup, Direct Connection)
Network Protocol	Print	LPD, RAW, WSD-Print (IPv4, IPv6)
	Scan	Email, SMB, WSD-Scan(IPv4, IPv6), FTP-Scan, iFAX
	TCP/IP Application Services	Bonjour(mDNS), HTTP, HTTPS, DHCP, ARP+PING, Auto IP, WINS (IPv4), DHCPv6 (IPv6)
	Management	SNMPv1, SNMPv3 (IPv4, IPv6)
Network Security	Wired	IP/Mac address filtering, SNMPv3, SSL(HTTPS/IPPS), IEEE802.1x
	Wireless	WEP 64/128-bit, WPA-PSK (TKIP/AES), WPA2-PSK (AES)
One-Push Wireless Configuration	Wi-Fi Protected Setup (W PS)	
Other Features	Secure Print, Department ID	
Address Book	LDAP	
Compatible Operating Systems(*3)	Windows® 10, Windows® 8.1 , Windows® 8, Windows® 7, Windows Server® 2016, Windows Server® 2012 R2 , Windows Server® 2012, Windows Server® 2008 R2, Windows Server® 2008, Mac® OS X 10.7.5 & up(*4) , Linux(*4)	
Software Included	Printer driver, Scanner driver, MF Scan Utility, Address Book Tool, SSID Tool, Toner Status	
General		
Device Memory	1 GB RAM	

LCD Display	WVGA Colour LCD 5.0" Touch Screen Display	
Dimensions (W × D × H)	451 x 460 x 400mm	
Weight	22.0 kg (with cartridges), 2 0.0 kg (without cartridges)	
Power Consumption	Maximum	850 W or less
	During Operation (Avg.)	Approx. 350W
	During Standby (Avg.)	Approx. 13.6W
	During Sleep (Avg.)	Approx. 0.94W (USB / wired), approx. 0.98W (wireless)
Noise level(*5)	During Operation	Sound Pressure Level: 49dB Sound Power Level: 6.4B
	During Standby	Sound Pressure Level: Inaudible Sound Power Level: Inaudible
Operating Environment	Temperature: 10 - 30°C Humidity: 20 - 80% RH (no condensation)	
Power Requirements	AC 220 - 240V, 50 / 60Hz	
Toner Cartridge(*6)	Standard	Cartridge 045 BK: 1,400 pages (bundled: 1,400 pages) Cartridge 045 C/M/Y: 1,300 pages (bundled: 690 pages)
	High	Cartridge 045H BK: 2,800 pages Cartridge 045H C/M/Y: 2,200 pages
Monthly Duty Cycle(*7)	30 ,000 pages	
*1	Legal size refers to paper size measuring 215.9 x 355.6mm (8.5 x 14 inch).	
*2	Speed of scanning via the document feeder, A4 size, scan resolution 300 x 300dpi	
*3	ScanGear is not available for Windows Server 2008/2012	
*4	<u>Drivers for Mac OS can be downloaded from www.canon-asia.com website when available. Only the print function is supported for Linux .</u> The latest drivers for Linux can be downloaded from www.canon-asia.com website when <u>available.</u>	
*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 to other Canon laser printers.

It does not refer to actual maximum image output per month.