



Homi Bhabha National Institute

Regd. Office: Training School Complex, 2nd Floor, Anushaktinagar, Mumbai 400 094

Tel: 022-25597611

Ref: HBNI/LPS(11)/2020/899

November 19, 2020

Sub: Purchase and Procurement of Two Multifunctional Printers.

Dear Sir,

Quotations are invited in a sealed cover for procurement of two small Printers in **Annexure-A** (format for price bid) attached and on the terms and conditions mentioned below :

- 1) Quotations should be placed in an Envelope super scribing enquiry number and the due date. All paper shall be signed by the vendor.
- 2) The amount of item should be worked out and the requisite totals given.
- 3) The Rates shall be inclusive of all taxes / GST.
- 4) The validity of the quotation offer shall be for a minimum period of 30 days.
- 5) The officer inviting the quotations reserves the right to accept or reject any or all tenders invited, without assigning any reason.
- 6) Payment: 100% payment including statutory levies (as GST applicable) shall be made within 30 days of receipt and final acceptance of the material ordered.
- 7) Consignee: Material should be delivered at Central Office, Homi Bhabha National Institute, 2nd Floor, Training School Complex, Anushaktinagar, Mumbai 400 094. (Tel. Nos. 2559 7626 / 25597611)
- 8) The Vendor should not have been blacklisted by any Government Department / Agency.
- 9) The **specifications** of the small printers (print, scan, copy, fax & web) are given in **Annexure - B** attached.

Your Quotation should be sent in a sealed envelope addressed to Dy. Registrar, HBNI, 2nd floor, Training School Complex, Anushaktinagar, Mumbai- 400094 on or before **04.12.2020 at 15.00 hrs.**

Thanking You,

Yours faithfully,

N. Venkateswarlu
19/11/2020

(N. Venkateswarlu)
Dy. Registrar

ANNEXURE - A

Sr. No.	Description	Qty	Cost per Unit (Rs.)	GST 18 % Per Unit (Rs.)	Total Approx. Cost (Rs.)
1	Multifunctional Printers (printing, Scan, copy, fax & web)	2 Nos.			
Total Rupees (in words)					

(i) Multifunctional Printer Specifications:**What's included and accessories**

What's in the box	Office Jet Pro 9010 All-in-One Printer; 963 Setup Black Ink Cartridge (~1,000 pages); 963 Setup Cyan Ink Cartridge (~700 pages); 963 Setup Magenta Ink Cartridge (~700 pages); Setup 963 Yellow Original Ink Cartridge (~700 pages); No CD flyer; Ink caution flyer; Power cord; Setup poster; Reference guide.
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Connectivity

Ports	1 USB 2.0; 1 Host USB; 1 Ethernet; 1 Wireless 802.11b/g/n; 2 RJ-11 modem ports
Wireless capability	Yes
Storage device and direct print support	Front-facing USB/Flash drive

Copy

Copier settings	Copies; Two-Sided; Lighter/Darker; HP Copy Fix; ID Copy; Resize; Quality; Paper Size; Paper Type; Collate; Margin Shift; Crop; Copy Preview; Enhancements
Color copy capability	Yes
Maximum number of copies	Up to 99 copies
Copy reduce / enlarge settings	25 to 400%
Copy speed, black (draft, A4)	Up to 32 cpm
Copy resolution	Up to 600 dpi

Environmental

Acoustic power emissions (active, printing)	6.9 B(A) (printing at 20 ppm)
Acoustic pressure emissions	54.5 dBA (printing at 20 ppm) (operator position)
Recommended operating humidity range	25 to 75% RH
Recommended operating temperature range (Celsius)	15 to 32°C
Storage temperature range (Celsius)	-40 to 60°C

Annexure- B

Fax

Fax available	Yes
Fax features	Fax volume (off/soft/loud); Busy redial; No answer redial; Colour fax; Group dial; CID; Junk fax blocker; Fax forward
Fax Resolution Black (best)	Up to 300 x 300 dpi
Fax memory	Up to 100 pages
Telephone handset supported	No
Fax telephone mode supported	No
Modem	Synaptics Troy modem; Data rate up to 33.6 kbps
Fax Speed Dials, Maximum Number	Up to 99
Fax transmission speed note	Based on standard ITU-T test image at standard resolution. More complicated pages or higher resolution will take longer and use more memory.

Memory

Memory	512 MB
Maximum Memory	512 MB

Mobile printing capability

Mobile printing services	Apple AirPrint™; Mobile Apps; Wi-Fi® Direct Printing; Mopria™ Certified; HP Smart
Mobile printing compatibility note	Wireless operations are compatible with 2.4/5 GHz operations only. App or software and HP ID account registration may also be required. Some features require purchase of an optional accessory.

Networking

Network protocols, supported	9100; LPR; SNMP; SLP; Internet Printing Protocol (IPP); WS-Print, Wireless
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Paper handling

Input capacity	Up to 250 sheets
Standard input capacity (cards)	Up to 50 sheets
Standard input capacity (envelopes)	Up to 30 envelopes
Output capacity	Up to 60 sheets
Media sizes supported (metric)	A4; A5; A6; B5 (JIS); Envelope (DL, C5, C6); Card
Media sizes, custom (metric)	Tray 1: 76.2 x 127 to 215.9 x 355.6 mm

Annexure- B

Media types	Plain Paper, HP Photo Papers, HP Matte Brochure or Professional Paper, HP Matte Presentation Paper, HP Glossy Brochure or Professional Paper, Other Photo Inkjet Papers, Other Matte Inkjet Papers, Other Glossy Inkjet Papers, Thick Plain Paper, Light/Recycled Plain Paper, HP Tri-fold Brochure Paper, Glossy
Media weight supported (metric)	60 to 105 g/m ² (plain); 220 to 280 g/m ² (photo); 75 to 90 g/m ² (envelope); 163 to 200 g/m ² (card)
Borderless printing	Yes, on photo paper only, 210 x 297 mm (A4)

Paper handling - ADF

Automatic document feeder capacity	Standard, 35 sheets
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Physical dimensions

Maximum dimensions (W x D x H, metric)	439 x 519.8 x 278 mm
Weight (metric)	8.95 kg

Power

Energy savings feature technology	Schedule On and Schedule Off
Power supply type	Internal (Built-in) Universal Power Supply
Power supply	Input voltage: 100 to 240 VAC (+/- 10%), 50/60 Hz
Power consumption	Up to 30 watts (Printing), 5.80 watts (Ready), 1.20 watts (Sleep), 0.08 watts (Manual-Off)

Print cartridges

Number of print cartridges	4 (1 each black, cyan, magenta, yellow)
Replacement cartridges	HP 963 Black Original Ink Cartridge (~1,000 pages) 3JA26AE; HP 963 Cyan Original Ink Cartridge (~700 pages) 3JA23AE; HP 963 Magenta Original Ink Cartridge (~700 pages) 3JA24AE; HP 963 Yellow Original Ink Cartridge (~700 pages) 3JA25AE; HP 963XL Black Original Ink Cartridge (2,000 pages) 3JA30AE; HP 963XL Cyan Original Ink Cartridge (1,600 pages) 3JA27AE; HP 963XL Magenta Original Ink Cartridge (1,600 pages) 3JA28AE; HP 963XL Yellow Original Ink Cartridge (1,600 pages) 3JA29AE. Actual yield varies considerably based on content of printed pages and other factors.

Printing specifications

Print technology	HP Thermal Inkjet
Duplex printing	Automatic (standard)
Print speed black (ISO)	Up to 22 ppm
Print speed color (ISO)	Up to 18 ppm

Annexure- B

Print resolution (best)	1200 x 1200 rendered dpi
Maximum print area (metric)	216 x 356 mm
Monthly duty cycle	Up to 25,000 pages
Print languages	HP PCL3 GUI
Printer smart software features	Orientation: Portrait/Landscape; Print on Both Sides: None/Flip on Long Edge/Flip on Short Edge; Page Order: Front to Back/Back to Front; Pages per Sheet: 1, 2, 4, 6, 9, 16; Quality Settings: Draft/Normal/Best; Printing Shortcuts; Print in Greyscale: Off/High Quality Greyscale/Black Ink Only; Pages per Sheet Layout: Right then Down/Down then Right/Left then Down/Down then Left; Print in Max DPI: No/Yes; HP Real Life Technologies: Off/On; Booklet: None/Booklet-Left Binding/Booklet-Right Binding; Pages to Print: Print All Pages/Print Odd Pages Only/Print Even Pages Only; Borderless Printing: Off/On; Page Borders: Off/On

Regulatory specifications

Safety	IEC 60950-1:2005 (2 nd Edition) Am1:2009+Am2:2013/EN 60950-1:2006+A11:2009+A1:2010+A12:2011+A2:2013; IEC62368-1:2014 (2 nd Edition)/EN62368-1:2014+A11:2017; UL 62368-1: 2nd Edition; German GS; Russia EAC
Electromagnetic compatibility	CISPR 32:2012/EN 55032:2012 Class B; CISPR 24:2010/EN 55024:2010; EN 61000-3-2:2014; EN 61000-3-3:2013; EN 301 489-1 (V2.1.1:2017), EN 301 489-17 (V3.1.1 2017)
Telecom compliance (fax capability)	EU: ES 203 021-2, ES 203 021-3; EU: Radio Equipment Directive 2014/53/EU; South Africa (ICASA)

Scan

Scanner advanced features	OCR (Optical Character Recognition); Smart Taks shortcuts: 1-click customisable scan to cloud destinations, email, and print, create editable, searchable documents by scanning from phone or printer; Smart Tasks destinations: Dropbox, Google Drive, OneDrive, email recipients, print
Scan technology	Contact Image Sensor (CIS)
Scan speed (normal)	Up to 8 ipm (200 ppi, black and white); Up to 8 ipm (200 ppi, colour)
Scan resolution, hardware	Up to 1200 x 1200 dpi
Levels of grayscale	256
Bit depth	24-bit
Maximum flatbed scan size (metric)	215.9 x 297 mm
Minimum ADF scan size (metric)	127 X 127 mm

Annexure- B

Maximum ADF scan size (metric)	215 x 355 mm
Twain version	Version 2.2

Security

Security management	SSL/TLS (HTTPS); IPP over TLS; WPA2-Enterprise wired; 802.1x wireless authentication (EAP-TLS, LEAP, and PEAP); Pre-Shared Key Authentication for Wireless (PSK); Firewall; Certificates Configuration; Control panel lock; Password protect EWS; Unused protocol and service disablement; Syslog; Signed firmware; Administrator settings; Secure boot with self healing; Automatic firmware update; Secure Wi-Fi direct; Encrypted customer data; Secure Erase; Secure Digital send; Certificates Management

System requirements

Minimum system requirements for Windows	Windows 10, 8, 7: 1 GHz 32-bit (x86) or 64-bit (x64) processor, 2 GB available hard disk space, CD-ROM/DVD drive or Internet connection, USB port, Internet Explorer
Recommended system requirements for Windows	Windows 10, 8, 7: 1 GHz 32-bit (x86) or 64-bit (x64) processor, 2 GB available hard disk space, CD-ROM/DVD drive or Internet connection, USB port, Internet Explorer
Minimum System Requirements for Macintosh	OS X v10.11 El Capitan; MacOS Sierra v10.12 (previously OS X); MacOS High Sierra v10.13; 1.5 GB available hard disk space; Internet access; USB
Recommended Macintosh system requirements	OS X v10.11 El Capitan; MacOS Sierra v10.12 (previously OS X); MacOS High Sierra v10.13; MacOS Mojave v10.14; 1.5 GB available hard disk space; Internet access; USB
Compatible Network Operating Systems	Windows 10, 8, 7: 32/64-bit, 2 GB available hard disk space, CD-ROM/DVD drive or Internet connection, USB port, Internet Explorer; Linux (For more information, see
Operating system (supported note)	Windows XP and Windows Vista not supported

Warranty

Warranty	One-year limited hardware warranty; Possibility to get 3 years warranty upon customer registration, under T&Cs; 24-hour, 7 days a week Web support; Business hour phone support within warranty period
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(ii) Other General Conditions:

- 1. Delivery** : Within 07 days from the day of receipt of the order.
- 2. Installation** : Installation, Commissioning and Demonstration of the Multifunctional Color Printer which will be carried only by the contractor at free of cost at consignee's place.
- 3. Warranty** : The items under this order shall be guaranteed for satisfactory performance against manufacturing defects.
- 4. Repair & Replacement** : If the item becomes defective during the warranty period, the contractor shall be responsible for making arrangement for repair/ replacement at his own cost.