



(N.I.T no. JBNSTS/1-1/2022-23/48 dated 21.10.2022)

JAGADIS BOSE NATIONAL SCIENCE TALENT SEARCH
1300, RAJDANGA MAIN ROAD
KOLKATA - 700107
Tel.: 2442 8270, 24417542

NOTICE INVITING TENDER

Quotations are invited from reliable and reputed agencies for supplying following materials as per given specification:

Sr. no.	Item	Specification	Quantity
1.	Heavy duty duplex color printer with copy and scan (A4 and A3 Page)	<u>Annexure I</u>	One (01 No.)

Other terms and conditions:

- All rates should be of the complete job including labor, material, installation, all taxes and other expenses. No extra payment shall be made for any reason whatsoever.
- The quotation should be accompanied with a copy of the Trade license /PAN card / GST Registration Certificate of the agency.
- Delivery shall have to be made by the vendor at free of cost at our office at 1300, Rajdanga Main Road, Kolkata – 700107 at free of cost of the order.
- All payments shall be made by A/C payee cheque only after completion of the job in totality and after all legal deductions.

The last date of submitting quotations is **01st November, 2022 up to 05.00 pm (IST)**. All quotations should be addressed to the Director, JBNSTS, 1300, Rajdanga Main Road, Kolkata – 700107 and submitted in a sealed envelope at our office. The quotations will be opened **on 02nd November, 2022 at 03.00 pm**. Interested parties may remain present at the time of opening quotation.

For any clarification, contact Asst. Director (Admin), JBNSTS: 24428270

Joydip Das
(Asst. Director (Admin))
JBNSTS

Annexure I

Technical specifications of Heavy duty duplex color printer (A4 & A3 Page)

Sl. No.	Details	Specifications Requirements
1.	Functions	Print, copy, scan, fax (optional)
2.	Control panel	9.0-in (22.8 cm) functional touchscreen with 8.0-in (20.3 cm) Color Graphics Display (CGD) with touchscreen; tilting (adjustable angle) display; illuminated Home button (for quick return to the Home menu); USB High-speed 2.0 port; Hardware Integration Pocket
3.	Print Technology	Laser
4.	Print speed	Black (A4, normal) Up to 28 ppm; Colour (A4, normal): Up to 28 ppm; Black (A4, duplex): Up to 20 ipm; Colour (A4, duplex): Up to 21 ipm; Black (A3, normal): Up to 15 ppm; Colour (A3, normal): Up to 15 ppm;
5.	Print resolution	Black (best): Up to 1200 x 1200 dpi reduced speed; Colour (best): Up to 1200 x 1200 dpi reduced speed; Technology: Normal (600 x 600 4 bit); Best (1200 x 1200 1 bit);
6.	Monthly duty cycle	Up to 80,000 pages
7.	Standard print languages	HP PCL 6, HP Postscript level 3 emulation, PDF (v 1.7), AirPrint™ compatible
8.	Fonts and typefaces	84 scalable TrueType fonts
9.	Print area	Print margins Top: 4.23 mm, Bottom: 4.23 mm, Left: 4.23 mm, Right: 4.23 mm; Maximum print area: 288.5 x 423.6 mm
10.	Duplex printing	Automatic (standard)
11.	Copy speed	Black (A4): Up to 23 cpm; Colour (A4): Up to 28 cpm
12.	Copier specifications	Two-sided copying; scalability; image adjustments (darkness, contrast, background cleanup, sharpness); optimized text/picture (text, mixed, printed picture, photograph); N-Up; N or Z-ordering; content orientation; collation; ID scan; job build; job storage; watermark; stamps; book mode scans; erase edges; automatically detect color/monochrome; image preview; Maximum number of copies: Up to 9999 copies; Reduce/Enlarge: 25 to 400%;
13.	Scan speed	Normal (A4): Up to 46 ipm; Duplex (A4): Up to 19 ipm
14.	Scan file format	Digital Send: PDF, Hi-Compression PDF, JPEG, TIFF, MTIFF, XPS, PDF/A; Scan to easy access USB: PDF, JPEG, TIFF, MTIFF, XPS, PDF/A; Print from easy access USB: PDF, PS, Print Ready files (.prn, .pcl, .cht)
15.	Scanner specifications	Scanner type: Flatbed, ADF; Scan technology: Platen Scanner (CCD); Scan input modes: Front panel applications: Copy; E-mail; Fax; Save to Network Folder; Save to USB; Save to Device Memory; Open Extensibility Platform (OXF) applications; Twain version: Version 2.1; Duplex ADF scanning: Yes; Scan size maximum (flatbed): 297 x 432 mm; Optical scan resolution: UP to 600 x 600 dpi
16.	Scanner advanced features	Scan-to-E-mail; Scan-to-network folder (standalone solution); Scan to Cloud; Scan to USB; Scan-to SharePoint
17.	Scannable area	Maximum media size (flatbed): 297 x 432 mm; Minimum media size (ADF): 148 x 210 mm Maximum media size (ADF): 297 x 432 mm
18.	Bit depth/ Grey scale levels	24-bit / 256
19.	Digital sending	Standard: Scan to E-mail; Save-to-Network Folder; Save-to-USB drive; Send to Share point; Send to FTP; Send to sFTP; Send to LAN Fax; Send to Internet Fax; Local Address Book; SMTP over SSL; Blank Page Removal; Edge Erase; Auto Color Sense; Compact PDF; Auto Straighten ; Optional: Scan to Job storage; Send to LAN Fax; Send to Internet Fax
20.	Fax	Yes, Optional
21.	Processor speed	1.2 GHz
22.	Connectivity	2 Hi-Speed USB 2.0 Host; 1 Hi-Speed USB 2.0 Device; 1 Gigabit Ethernet 10/100/1000T network; 1 Hardware Integration Pocket
23.	Mobile printing capability	Apple AirPrint™; Google Cloud Print™; ePrint; Mopria™ Certified; Printer On Print

24.	Hard disk	Standard two 16 GB encrypted eMMCs (one is located on formatter board for stored jobs and solutions. Another one is located on ECB for copy/scan function); Optional High-Performance Secure Hard Disk; AES 256 hardware encryption or greater; Secure erase capabilities (Secure File Erase-Temporary Job Files, Secure Erase-Job Data, Secure ATA Erase-Disk), Optional 500 GB Hard Disk (located on ECB for copy/scan functions). ECB: Engine Controller Board
25.	Memory	Standard: 4.25 GB (Formatter 1.25 GB + ECB 3 GB); Maximum: 6.25 GB (Std. Memory + Opt. 2 GB)
26.	Number of paper trays	Standard: 3 ; Maximum: 5
27.	Media size	Custom (metric): Tray 1: 98 x 148 mm to 297 x 432 mm; Tray 2: 139.7 x 210 mm to 297 x 364 mm; Tray 3: 139.7 x 210 mm to 297 x 432 mm ; Supported (metric): Tray 1: A3, A4, A4R, A5, A5R, A6, Ra4, B4 (JIS), B5 (JIS), B6 (JIS), Oficio, 8K, 16k, Postcard, Dpostcard (JIS), Envelope B5, Envelop C5, Envelope C6, Envelope DL; Tray 2: A4, A4R, A5, Ra4, B4 (JIS), B5 (JIS), Oficio, 16k; Tray 3: A3, A4, A4R, A5, Ra3, Ra4, B4 (JIS), B5 (JIS), Oficio, 8K, 16k ; ADF: Legal; Oficio; Executive; Statement; Ledger; A3; A4; A4R; A5; B4; B5; 16K 148 x 297 mm (5.8 x 11.7) to 148 x 432 mm (5.8 x 17)
28.	Media handling	Standard input: 100-sheet multi-purpose tray, 2 x 520-sheet input tray, 100 sheet ADF Standard output: 500 sheet face-down output bin Optional input: Optional 2 x 520-sheet input tray ADF: Standard, 100 sheets
29.	Input capacity	Tray 1: Sheets: 100 (75 gsm); envelopes: 10 Tray 2: Up to 520 sheets (75 gsm) Tray 3: Up to 520 sheets (75 gsm) Maximum: Up to 2180 sheets (75 gsm) (MP Tray: up to 100 sheets; Tray 2, 3, 4 & 5: up to 520 sheets) ADF: Standard, 100 sheets
30.	Output capacity	Standard: Up to 500 sheets Envelopes: Up to 40 envelopes Maximum: Up to 550 sheets
31.	Compatible operating systems	Windows Client OS (32/64 bit)-, Win10, Win8.1, Win7 Ultimate, Mobile OS-, iOS, Android, Mac-, Apple® macOS High Sierra v10.13, Apple® macOS Mojave v10.14, Apple® macOS Catalina v10.15, Discrete PCL6 Printer Driver-, For more information on the supported operating systems go to http://support..com , Enter your product name and search, Click on User Guides and enter your product name and search for User Guide, Search for your (Product Name) - User Guide, Search for the Supported Operating Systems section, UPD PCL6 / PS Printer Drivers, Supported Operating systems, For more information on the supported operating systems see
32.	Minimum system requirements	Windows: 2 GB available hard disk space, Internet connection, or USB port, Internet browser.
33.	Security management	Management security: SNMPv3, SSL/TLS, WPA2-Enterprise, 802.1X authentication (EAP- PEAP, EAP-TLS), IPP over TLS, IPsec/Firewall with Certificate, Pre-Shared Key Authentication, and Kerberos Authentication; Support for WJA-10 IPsec Configuration using Ipsec Plug-in
34.	Printer management	Printer Assistant, Device Toolbox, Web JetAdmin Software, JetAdvantage Security Manager, SNMP Proxy Agent, WS Pro Proxy Agent, Printer Administrator Resource Kit for Universal Print Driver (Driver Configuration Utility - Driver Deployment Utility – Managed Printing Administrator)
35.	Operating environment	Operating environment Temperature: 15 to 30°C; Humidity: 20 to 80% RH
36.	Power	50/60 Hz (+/- 3%); Consumption: 665 watts (printing), 34 watts (ready), 9.5 watts (sleep), 0.6 watts (Final sleep), 0.01 watts (off); Typical Electricity Consumption (TEC) : 1.210 kWh/Week (Blue Angel); 0.386 kWh/Week (Energy Star 3.0); Power supply type: Internal (Built-in) power supply;
37.	Certification	CISPR22: 2008 (International) CISPR 32: 2012/EN 55032: 2012 Class A, EN 61000-3-2: 2014, EN 61000-3-3:2013, EN 55024:2010, EMC Directive 2014/30/EU with CE Marking (Europe), FCC 47CFR Part 15 Class A/ICES-003, Issue 6 Class A, Other EMC approvals as required by individual countries. EPEAT® Silver; ENERGY STAR® qualified Blue Angel compliant Yes, Blue Angel DE-UZ 205—only ensured when using Original supplies
38.	Warranty	1 Year onsite Warranty should be included
39.	Delivery Periods	Maximum 8 weeks

Eligible Bidders criteria for submitting quotation

1. The Bidder, should have executed project for supply and installation / commissioning of same or similar Category Products during preceding 3 financial years.
2. Bidders shall quote only those products in the bid which are not obsolete in the market and has at least 3 years' residual market life i.e. the offered product shall not be declared end-of-life by the OEM before this period.
3. Bidder Head Office /Branch office must be located within Kolkata only.
4. For Service & Support the Bidder must provide of Telephone Numbers for Service Support.
5. Bidder must have Dedicated Telephone Number for Service Support.