

**GOVERNMENT OF INDIA
DEPARTMENT OF SPACE
INDIAN INSTITUTE OF REMOTE SENSING
IIRS
DEHRADUN
PURCHASE & STORES
INVITATION TO TENDER**

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Date : 28/10/2014

M/s

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Our Ref No : GIRS 2014-000317-01

Tender Due: 15:00 Hrs ISTon 20/11/2014

Dear Sirs,

Please submit your sealed quotation , in the Tender Form enclosed here along with the descriptive catalogues / pamphlets / literature ,superscribed with Our Ref.No. and Due Date for the supply of the following items as per the terms & conditions mentioned in Annexure(Form No:)

S.No.	Description of Items with Specifications	Unit	Quantity
1	Colour Laser Printer: HP Laserjet Enterprise 500 color M551dn (CF082A), Printer specifications attached as separate sheet	NOS.	1


DELIVERY AT: IIRS

MODE OF DESPATCH DOOR DLVRY

DUTY EXEMPTIONS

SPECIAL INSTRUCTIONS NIL

SPECIFIC TERMS


V.V. NARAYANAN KUTTY
PURS. & STORES OFFICER
For and on behalf of the President of India
The Purchaser

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Terms & Conditions:

1. Material should be delivered & installed at IIRS
2. Payment will be made within 30 days from date of receipt of supply and acceptance of the material for orders value upto Rs.2.0 lakhs.
3. We cannot furnish Form C/D. Please indicate the applicable percentage of Trade tax / VAT in your quotation, if applicable. Otherwise the quoted rate will be considered as inclusive of all taxes.
4. Clearly mention the Make / Brand of the item in your quotation. Please enclosed the Authorization Certificate from the principal of the quoted Make / Model along with the quotation.
5. Also clearly mention the exact delivery period and validity of your offer shall be min 60 days.

HP LASERJET ENTERPRISE 500 COLOR M551 SERIES

Technical specifications	HP LaserJet Enterprise 500 color M551n (CF081A)	HP LaserJet Enterprise 500 color M551dn (CF082A)	HP LaserJet Enterprise 500 color M551xh (CF083A)
Print Speed ¹	Color and Black: Up to 33 ppm letter (up to 32 ppm A4)		
First Page Out ²	Color and Black (A4, ready): As fast as 11 sec		
HP ePrint Capability	Yes		
Printer Smart Software Features	HP FutureSmart Firmware; HP Auto-On/Auto-Off Technology		
Print Resolution	Black (best): Up to 1200 x 1200 dpi; Black (normal): Up to 600 x 600 dpi; Color (best): Up to 1200 x 1200 dpi		
Print Technology	Laser		
Control Panel	4-line graphical color display, 3 lights (Attention, Data, Ready), 7 buttons (Help, Menu, OK, Stop, Back, Down, Up)		
Processor	Type: ARM Cortex-A8; Speed: 800 MHz		
Memory	1 GB (1024 MB)		
Hard Disk	NA		Standard, 250 GB minimum (AES 128 encryption)
Display	4-line LCD (color graphics)		
Durability Ratings	Duty cycle ³ : Up to 75,000 pages (A4/letter); Recommended monthly page volume ⁴ : 1,500 to 5,000 pages		
Paper			
Input	100-sheet multipurpose tray, 500-sheet input tray 2		100-sheet multipurpose tray, 500-sheet input tray 2, 500-sheet heavy media input tray 3
Output	250-sheet output bin		
Duplex Print Options	Manual (driver support provided)		Automatic (standard)
Media Types	Paper (plain, light, bond, recycled, mid-weight, heavy, mid-weight glossy, heavy glossy, extra heavy, extra heavy glossy, cardstock, card glossy) color transparency, labels, letterhead, envelope, preprinted, prepunched, colored, rough, opaque film, user-defined		
Media Sizes	Tray 1: 3 x 5 to 8.5 x 14 in; Tray 2: 4.0 x 5.85 to 8.5 x 11.69 in		Tray 1: 3 x 5 to 8.5 x 14 in; Tray 2: 4.0 x 5.85 to 8.5 x 11.69 in; Tray 3: 5.85 x 8.5 to 8.27 x 14 in
Media Weight	Tray 1: 16 to 58 lb (plain); 28 to 58 lb (glossy); Tray 2: 16 to 43 lb (plain paper); 28 to 58 lb (glossy paper)		Tray 1: 16 to 58 lb (plain); 28 to 58 lb (glossy); Tray 2: 16 to 43 lb (plain paper); 28 to 58 lb (glossy paper); Tray 3: 16 to 47 lb (plain paper); 28 to 58 lb (glossy paper)
Interfaces	1 Hi-Speed USB 2.0 Host port; 1 Hi-Speed USB 2.0 Device port; 1 Gigabit Ethernet 10/100/1000Base-TX network port; 2 internal USB Host ports	2 Hi-Speed USB 2.0 Host ports; 1 Hi-Speed USB 2.0 Device port; 1 Gigabit Ethernet 10/100/1000Base-TX network port; 1 Hardware Integration Pocket; 2 internal USB Host ports	
Languages	HP PCL 6, HP PCL 5c (HP PCL 5c driver available from the Web only), HP postscript level 3 emulation, native PDF printing (v 1.4)		
Network Capabilities	Via HP Jetdirect 10/100/1000Base-TX Ethernet embedded print server (standard); 802.3az (EEE); IPsec (standard), 802.11b/g/n wireless networking (optional)		
Fonts	105 internal TrueType fonts scalable in HP PCL, 92 internal scalable fonts in HP postscript level 3 emulation (Euro symbol built-in); 1 internal Unicode Font (Andale Mono WorldType); 2 Internal Windows Vista 8 Fonts (Calibri, Cambria); additional font solutions available via third-party flash memory cards; HP LaserJet Fonts and IPDS Emulation available at http://www.hp.com/go/laserjetfonts		
Network Protocols	IPv4/IPv6: Apple Bonjour Compatible (Mac OS 10.2.4 or higher), SNMPv1/v2c/v3, HTTP, HTTPS, FTP, TFTP, Port 9100, LPD, WS Discovery, IPP, Secure-IPP, IPsec/Firewall; IPv6: DHCPv6, MLDv1, ICMIPv6; IPv4: Auto-IP, SLP, Telnet, IGMPv2, BOOTP/DHCP, WINS, IP Direct Mode, WS Print; Other: NetWare NDS, Bindery, NDPS, ePrint		
Security	Management security: SNMPv3, SSL/TLS, 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		
Dimensions (w x d x h)	20.2 x 19.3 x 15.2 in (514 x 491 x 385 mm)	20.2 x 19.3 x 15.8 in (514 x 491 x 402 mm)	20.2 x 19.3 x 22.2 in (514 x 491 x 565 mm)
Weight (with print cartridges)	74.8 lb (34 kg)	76.12 lb (34.6 kg)	92.84 lb (42.2 kg)
System Requirements, Windows	PC: Microsoft® Windows® 7, Windows Vista®, Windows XP® (SP2 or higher), Windows® Server 2003 (SP1 or higher), Windows® Server 2008, Windows® Server 2008 R2; 200 MB available hard disk space; operating system compatible hardware system requirements, see http://www.microsoft.com Mac: Mac OS X v10.5, 10.6; 150 MB available hard disk space; operating system compatible hardware system requirements, see: http://www.apple.com		
What's in the Box ⁵	Printer, four preinstalled HP LaserJet toner cartridges (yield ~5500 pages black and ~6000 pages color), toner collection unit, in-box documentation (Getting Started Guide), software drivers and documentation on CD-ROM, power cable, HP Jetdirect Gigabit Ethernet embedded print server, 100-sheet multipurpose tray 1, 500-sheet input tray 2 M551dn : As above plus built-in automatic two-sided printing M551xh : As above plus 500-sheet heavy media input tray 3, built-in automatic two-sided printing, HP Secure High Performance Hard Disk (AES 128 encryption)		
Warranty	One-year next day on-site limited warranty		

Environmental ranges

Temperature range	Operating: 10 to 30° C (50 to 81° F) Recommended: 15 to 27° C (59 to 80.6° F) Storage: 0 to 35° C (32 to 95° F)
Humidity range	Operating: 10 to 70% RH Recommended: 20 to 60% RH Non-operating: 10 to 90% RH

Acoustic⁶

Sound power emissions	Active, Print: 6.6 B(A), Idle/Ready: 4.4 B(A)
Sound pressure (bystander position)	Active, Print: 52 dB(A), Idle/Ready: 30 dB(A)

Power

Power Supply required	Input voltage: 115 to 127 VAC (+/- 10%), 60 Hz (+/- 2 Hz), 12 A; 220 to 240 VAC (+/- 10%), 50 Hz (+/- 2 Hz), 6 A
Power Consumption ⁷	605 watts (printing), 51 watts (ready), 6.9 watts (sleep), 0.3 watts (off)
Typical Electricity Consumption (TEC)	4.053 kWh/Week

Safety approvals and requirements

IEC 60950-1 (International); EN 60950-1+A11 (EU); IEC 60825-1; UL/cUL Listed (US/Canada); GS License (Europe); EN 60825-1 (Class 1 Laser/LED Device); Low Voltage Directive 2006/95/EC with CE Marking (Europe); other safety approvals as required by individual countries

Electromagnetic emission standard

CISPR 22: 2005+A1/EN 55022: 2006+A1 Class B, EN 61000-3-2: 2006, EN 61000-3-3: 2008, EN 55024: 1998+A1+A2, FCC Title 47 CFR, Part 15 Class B (USA), ICES-003, Issue 4, (Canada), GB9254-2008, EMC Directive 2004/108/EC with CE Marking (Europe), other EMC approvals as required by individual countries

¹Measured using ISO/IEC 24734, excludes first set of test documents. For more information, see <http://www.hp.com/go/printerclaims>. Exact speed varies depending on the system configuration, software application, driver, and document complexity. ²Exact speed varies depending on the system configuration, software application, driver and document complexity. ³Duty cycle is defined as the maximum number of pages per month of imaged output. This value provides a comparison of product robustness in relation to other HP LaserJet or HP Color LaserJet devices, and enables appropriate deployment of printers and MFPs to satisfy the demands of connected individuals or groups. ⁴HP recommends that the number of printed pages per month be within the stated range for optimum device performance, based on factors including supplies replacement intervals and device life over an extended warranty period. ⁵Toner cartridge yields established using ISO/IEC test standards. Actual yields and costs vary considerably depending on images printed, number of color pages printed, and other factors. ⁶Configuration tested: HP LaserJet Enterprise 500 color M551dn bundle tested simplex printing, A4 paper at an average of 32 ppm. ⁷Power requirements are based on the country/region where the printer is sold. Do not convert operating voltages; this will damage the printer and void the product warranty. Power consumption in Auto-Off mode depends on customer network switch capability, user configuration and network activity. Off-mode power may vary while checking network packets for print jobs.



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