

DIAMOND HARBOUR WOMEN'S UNIVERSITY

Sarisha, Diamond Harbour Road, South 24 Parganas, Pin – 743368.

Phone: 03174-245801/245802 Website: www.dhwu.ac.in

Ref. No. DHWU/REG/LTI/517/2016

Date: 29.08.2016

Limited Tender Inquiry (LTI) for Printer cum photo copier, LED/LCD Projector, Laptop/ Note book

Sealed Limited Tender Inquiries are invited from the reliable and nationally renowned manufacturers/ companies/vendors/dealers for supply of the items enclosed in the annexure –I and specifications given in Annexure –II. Intending bidder may download the tender documents from the University website www.dhwu.ac.in.

1. Eligibility Criteria:

- a. Bidders shall have OEM authorization or channel partners or authorized distributors / dealers
- b. Bidders shall have been in existence for not less than five years.
- c. Bidders shall be having credentials of similar nature of work of the minimum Rs 5 lac in a single purchase order within last two years.
- d. Bidders shall have experience of supplying orders for Govt. Deptt./ PSU/Univesities etc. for more than 3 years and shall have PAN/TAN number, Sales tax/VAT registration. It is not blacklisted by any Ministry/ Department of the Government of India or any PSU or Govt. of West Bengal or any other organization.

2 Terms and Conditions:

2.1 Delivery Schedule: The Company shall be able to deliver the required items within 30 days of the receipt of order.

2.2 Warranty: The bidder must give warranty of at least 12 months of the products supplied and should undertake to rectify/attend to the complaints within 2 days, excluding Sundays/Holidays during the warranty period.

2.3 Payment: There is no provision for making advance payment to the Company/suppliers. Payment will be made after vendor submits the Job completion report signed by our inspection committee.

2.4 Purchase Order: The purchase order for the entire quantity can be placed either in one lump sum or as per the requirement through repeat order subject to availability of fund of the required items. The quantity shown is tentative and may increase or decrease.

2.5 The bidder should clearly indicate the availability of service and maintenance facilities at Kolkata for the items quoted.

2.6 The above mentioned details particularly the Sales Taxes/excise duty/VAT, any other duty, if not quoted properly, the bid can be cancelled.

2.7 The bidders are required to quote for each item separately in terms of basic price and all other charges. Prices can be quoted in Indian Currency only .

2.8 The bidder must submit along with the bids the copies of OEM license or authority from the manufacturer.

2.9 Diamond Harbour Women's University , Sarisha , South 24 Parganas , reserves the right to reject any or all tenders without assigning any reason whatsoever.

2.10 No advance payment or payment against Performa invoice will be made. Payment will be made after receipt, inspection, and installation/testing.

2.12 All damaged or unapproved goods shall be returned at the bidder's risk and cost and the incidental expenditure thereupon shall be recovered from the concerned party.

2.13 On acceptance of tender, the date of delivery should be strictly adhered to otherwise; the authority of the Diamond Harbour Womens University reserves the right not to accept the delivery in full or in part. In case the order is not executed within the stipulated period, the Diamond Harbour Women's University will be at liberty to make purchases through other sources.

2.14 Performance Security: The vendor selected would be required to furnish a Performance Security equal to 5% of the cost of furniture in the form of Demand Draft/FDR/Bank Guarantee from any Scheduled Bank in favour of " Diamond Harbour Women's University" payable at "Diamond Harbour, South 24 parganas"

- **Last date of submission of the Limited Tender Inquiry in the University Office: 06.09.2016 up to 11.30 a.m.**
- **Date and time of opening the Limited Tender Inquiry: 06.09.2016 at 12 noon.**
- **Limited Tender Inquiry will only be accepted in the University Office on all working days from 11 a.m. to 3 p.m.**

Registrar

Annexure-I

Sl.No.	Brief Description	Quantity	Place of Delivery	Installation if required
1	Printer cum photo copier	2	Diamond Harbour Women's University, Sarisha, Diamond Harbour Road, 24 pgs, (s), 743368	Yes
2	LED/LCD Projector	3	Diamond Harbour Women's University, Sarisha, Diamond Harbour Road, 24 pgs, (s), 743368	Yes
3	Laptop/ Note book	5	Diamond Harbour Women's University, Sarisha, Diamond Harbour Road, 24 pgs, (s), 743368	Yes

Annexure-II

1. Specification for Printer cum photo copier:

Printing Method	Colour Laser Beam Printing
Print Speed (A4)	Up to 20 / 20ppm (Mono / Colour)
Print Resolution	600 x 600dpi
Print Quality with Image Refinement Technology	1200 x 1200dpi (equivalent) 9600 (equivalent) x 600dpi
Warm up Time (From Power On)	23 secs. or less
First Printout Time (FPOT, A4)	Approx. 14.5 / 14.5 secs. (Mono / Colour)
Recovery Time (From Sleep Mode)	Approx. 8 secs.
Print Language	UFR II LT, PCL 6, Adobe PostScript 3
Auto Duplex Print	Standard
Available Paper Size for Auto Duplex Print	A4, B5, Letter, Legal*, Executive, Foolscap * 60 - 163g/m ²
Direct Print (via USB host v1.1)	Print File format: JPEG, TIFF(* ¹), PDF
Print Margins	5mm - top, bottom, left and right (Other sizes than Envelope)

	10mm - top, bottom, left and right (Envelope)	
Print Features	Poster, Booklet, Watermark, Page Composer, Toner Saver	
COPY		
Copy Speed (A4)	Up to 20 / 20ppm (Mono / Colour)	
Copy Resolution	Up to 600 x 600dpi	
First Copy Time (FCOT, A4)	Approx. 15.5 / 16.2 secs. (Mono / Colour)	
Maximum Number of Copies	Up to 99 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 Resolution	Optical:	Up to 600 x 600dpi
	Driver Enhanced:	Up to 9600 x 9600dpi
Colour Depth	24-bit	
Duplex Scan	Yes	
Scan Speed (A4, 300 x 600 dpi)	Colour:	10 sheets/minute
	Black and White:	20 sheets/minute
Pull Scan	Yes, USB and Network	
Push Scan (Scan To PC) with Scan Utility	Yes, USB and Network	
Scan to USB / Media	Yes (via USB host v1.1)	
Scan Features	TWAIN, WIA (Scan Driver Compatibility)	
Scan to Cloud	MF Scan Utility	
SEND		
Sending Method	SMB, E-mail, FTP, iFAX Simple	
Colour Mode	Full Colour, Grayscale, Monochrome	
Scan Resolution	300 x 300dpi, 200 x 200dpi	
File Format	JPEG, TIFF, PDF, Compact PDF, PDF (OCR)	
FAX		
Modem Speed	Up to 33.6Kbps	
Fax Resolution	Up to 406 x 391dpi	
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. 199 dials / 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	
Fax Features	Fax Forwarding, Dual Access, Remote Reception, PC Fax (Transmission only), DPRD, ECM, Auto Redial,	

	Fax Activity Reports, Fax Activity Results Reports, Fax Activity Management records	
PAPER HANDLING		
Duplex Auto Document Feeder (DADF)	50 sheets (80g/m ²)	
Available Paper Size for ADF	A4, B5, A5, B6, Letter, Legal, Statement, Custom Size (Min. 128 x 139.7mm to Max. 215.9 x 355.6mm)	
Paper Input (Standard)	250-sheet Cassette	
	50-sheet Multi-Purpose Tray	
	* Plain Paper (60-90g/m ²)	
Paper Input (Optional Cassette Feeding Unit - V1)	250-sheet Cassette	
	* Plain Paper (80g/m ²)	
Paper Output	125 sheets (face down)	
Paper Sizes (Standard Cassette)	A4, B5, A5, Legal, Letter, Statement, Executive, Government Letter, Government Legal, Foolscap, 16K, Indian Legal, Postcard, Postcard without folding line	
	Envelope: COM10, C5, B5, DL	
	Custom (Min. 100 x 148mm to Max. 215.9 x 355.6mm)	
Paper Sizes (Multi-Purpose Tray)	A4, B5, A5, Legal, Letter, Statement, Executive, Government Letter, Government Legal, Foolscap, 16K, Indian Legal, Postcard, Postcard without folding line, Index Card	
	Envelope: COM10, Monarch, C5, B5, DL	
	Custom (Min. 76.2 x 127mm to Max. 215.9 x 355.6mm)	
Paper Sizes (Optional Paper Feeder)	A4, B5, A5, Legal, Letter, Statement, Executive, Government Letter, Government Legal, Foolscap, 16K, Indian Legal, Postcard, Postcard without folding line	
	Envelope: COM10, Monarch, C5, B5, DL	
	Custom (Min. 100 x 148mm to Max. 215.9 x 355.6mm)	
Paper Types	Plain, heavy, Recycled, Colour, Coated, Transparency, Label, Index, Envelope	
Paper Weight (Standard Cassette)	Standard Cassette:	60 to 165g/m ²
	Multipurpose Tray:	60 to 220g/m ²
	Optional Cassette:	60 to 165g/m ²
CONNECTIVITY AND SOFTWARE		
Standard Interfaces (Wired)	Wired:	USB 2.0 High-Speed, 10 / 100 Base-T Ethernet (Network)
	Wireless:	Wi-Fi 802.11b/g/n (Infrastructure mode, WPS Easy Setup, Direct Connection)
Near Field Communication (NFC)	Yes (passive)	
Network Protocol	Print:	LPD, RAW, WSD-Print (IPv4, IPv6)
	Scan:	Email, SMB, WSD-Scan (IPv4, IPv6)
	TCP / IP Application Services:	Bonjour(mDNS), HTTP, HTTPS, POP before SMTP (IPv4, IPv6)
		DHCP, BOOTP, RARP, ARP+PING, Auto IP, WINS (IPv4) DHCPv6 (IPv6)
Management:	SNMPv1, SNMPv3 (IPv4, IPv6)	
Network Security	Wired:	IP / Mac address filtering, IEEE802.1x, SNMPv3, HTTPS, IPSEC

	Wireless:	WEP 64 / 128 bit, WPA-PSK (TKIP / AES), WPA2-PSK (AES), 802.1x (LEAP, EAP-FAST, PEAP, EAP-TLS, EAP-TTLS)
One-Push Wireless Configuration	Wi-Fi Protected Setup (WPS)	
Department ID Management	Yes, Up to 300 IDs	
Mobile Print	Canon PRINT Business, Apple® AirPrint™, Mopria™, Google Cloud Print™, Canon Print Service	
Compatible Operating Systems	Windows® 10, Windows® 8.1, Windows® 8, Windows® 7, Windows Server® 2012R2, Windows Server® 2012, Windows Server® 2008 R2, Windows Server® 2008, Windows Vista®, Windows Server® 2003, Mac® OS X 10.5.8 & up(*3), Linux(*4)	
Software Included	Printer driver, Fax driver, Scanner driver, Network Scan Utility, MF Toolbox, Presto! PageManager	
GENERAL SPECIFICATIONS		
Memory	1GB	
LCD Display	QVGA Colour LCD 3.5" touch	
Dimensions (W x D x H)	430 x 484 x 479mm	
Weight	26kg (31kg with cartridge)	
Power Consumption	Maximum:	1,200W or less
	Average; During Operation:	Approx. 450W
	Average; During Standby:	Approx. 23W
	Average; During Sleep:	Approx. 1.0W / 2.0W (wireless ON)
Noise Levels(*5)	During Operation:	Sound Pressure Level (Bystander's position) :
		50dB in Colour Printing
		59dB in B/W Printing
		Sound Power Level:
	67dB or less in Colour Printing	
	66dB or less in B&W Printing	
During Standby:	Sound Pressure Level (Bystander's position) : Inaudible(*6)	
	Sound Power Level: 43dB or less (standard value)	
Operating Environment	Temperature:	10 to 30°C
	Humidity:	20% to 80% RH (no condensation)
Power Requirements	AC 220 - 240V, 50 / 60Hz	
Toner Cartridge (*7)	Cartridge 418 Black:	3,400 pages, (Bundled Cartridge Black: 1,200 pages)
	Cartridge 418 Black VP (Value Pack):	3,400 pages (x2)
	Cartridge 418 Cyan/Magenta/Yellow:	2,900 pages, (Bundled Cartridge Cyan / Magenta / Yellow: 1,400 pages)
Monthly Duty Cycle (*8)	Up to 40,000 pages	
Recommended Monthly Print Volume	750 - 2,000 pages	
OPTIONAL ACCESSORIES		
Paper Cassette	Cassette Feeding Unit-V1	
Barcode Printing	Barcode Printer Kit-E1	

Specifications are subject to change without notice.	
*1	TIFF files must be in MMR/JPEG compression formats. Some TIFF images downloaded from the internet may not be used
*2	Based on ITU-T #1 Chart (standard mode)
*5	Tested in accordance to ISO 7779 and declared per ISO 9296
*6	"Inaudible" means each Sound pressure level at bystander's position is less than the absolute criterion value about background noise of ISO 7779
*7	Toner cartridge yield is in accordance with ISO/IEC 19798
*8	Monthly Duty Cycle value provides a means of comparison for product robustness in relation to other Canon multi-function laser devices, and does not refer to actual maximum image output per month

2. Specification for LED/LCD Projector:

Power supply	100-240 V AC, 50/60 Hz	
Power consumption	218 W (0.5 W when STANDBY MODE set to ECO,*1 6.0 W when STANDBY MODE set to NORMAL.*2)	
DLP™ chip	Panel size	14 mm (0.55 in) (4:3 aspect ratio)
	Display method	DLP™ chip x 1, DLP™ projection system
	Pixels	786,432 (1,024 x 768) pixels
Lens	1.1x Manual zoom (1.95-2.15:1 throw ratio), manual focus, F 2.41-2.53, f=21.8-24 mm	
Lamp	190 W UHM lamp	
Lamp replacement cycle(Normal / Eco1, Eco2 / AUTO)	4,500 / 6,000 / 10,000 hours*3	
Screen size (diagonal)	0.76-7.62 m (30-300 in), 4:3 aspect ratio	
Brightness*4	3,000 lm	
Center-to-corner uniformity*4	80%	

Contrast*4		4,000:1 (full on/full off, During RGB signal input, Color mode: Dynamic, Lamp power: Normal)
Resolution		1,024 x 768 pixels (Input signals that exceed this resolution will be converted to 1,024 x 768 pixels.)
Scanning frequency	HDMI	fH: 15-91.1 kHz, fV: 24-85.1 Hz, dot clock: 25-162 MHz
	RGB (analog)	fH: 15-91.1 kHz, fV: 24-85.1 Hz, dot clock: 162 MHz or lower
	YPBPR (YCBCR)	fH: 15.75 kHz, fV: 60 Hz [480i (525i)]
		fH: 31.50 kHz, fV: 60 Hz [480p (525p)]
		fH: 45.00 kHz, fV: 60 Hz [720 (750)/60p]
		fH: 33.75 kHz, fV: 60 Hz [1080 (1125)/60i]
		fH: 27.00 kHz, fV: 24 Hz [1080 (1125)/24p]
		fH: 56.25 kHz, fV: 50 Hz [1080 (1125)/50p]
		fH: 15.63 kHz, fV: 50 Hz [576i (625i)]
		fH: 31.25 kHz, fV: 50 Hz [576p (625p)]
		fH: 37.50 kHz, fV: 50 Hz [720 (750)/50p]
		fH: 28.13 kHz, fV: 50 Hz [1080 (1125)/50i]
	fH: 67.50 kHz, fV: 60 Hz [1080 (1125)/60p]	
	Video	fH: 15.75 kHz, fV: 60 Hz [NTSC/NTSC4.43/PAL-M/PAL60],
fH: 15.63 kHz, fV: 50 Hz [PAL/PAL-N/SECAM]		
Optical axis shift		10:-1.5
Keystone correction range		Vertical: $\pm 40^\circ$ (manual)
Installation		Ceiling/floor, front/rear
Terminals	HDMI IN	HDMI 19-pin x 1 (Deep color, compatible with HDCP), audio signal: linear PCM (sampling frequency: 48 kHz, 44.1 kHz, 32 kHz)
	COMPUTER IN	D-sub HD 15-pin (female) x 1 [RGB/YPB(CB)/PR(CR) x 1]
	MONITOR OUT	D-sub HD 15-pin (female) x 1
	VIDEO IN	Pin jack x 1
	SERIAL IN	Mini DIN 3-pin (female) x 1 for external control (RS-232C compliant)
	AUDIO IN	M3 x 1 (L-R x 1)
	AUDIO OUT	M3 x 1 (L-R x 1) for output (variable)
Built-in speaker		4 x 2 cm oval shape x 1, output power 2 W (monaural)

Cabinet materials	Molded plastic (PC)
Dimensions (W x H x D)	286 x 100.6*5 x 192 mm (11-1/4 x 3-31/32 x 7-9/16 in)
Weight	Approximately 2.3 kg (5.1 lbs)*6
Operation noise*4	34 dB (Lamp power: Normal), 29 dB (Lamp power: Eco)
Operating temperature	5-40°C [41-104°F] (Less than 750 m [2,500 ft] above sea level),
	5-35°C [41-95°F] (between 750 and 1,500 m [2,500 ft and 5,000 ft] above sea level),
	5-30°C [41-86°F] (between 1,500 and 3,000 m [5,000 ft and 10,000 ft] above sea level)
Operating humidity	20-80 % (no condensation)
Supplied accessories	Power cord (1.8 m*7) x 1*8, wireless remote control unit x 1, lithium coin cell battery x 1, computer cable (1.8 m) x 1
NOTE	
	*1 When [VGA Out (Standby)] / [In Standby Mode (Audio)] are all set to [Off].
	*2 When [VGA Out (Standby)] / [In Standby Mode (Audio)] are all set to [On].
	*3 This is the maximum value when the lamp is turned on for 2 hours and off for 0.25 hours. If the lamp is turned on more times or kept on for a long time, the lamp replacement cycle will shorten. The usage environment affects the duration of the lamp.
	*4 Measurement, measuring conditions, and method of notation all comply with ISO 21118 international standards.
	*5 With legs at shortest position.
	*6 The above values are averages. Actual values may be different according to the product.
	*7 Power cord (2 m) for the PT-LX300U/LX270U.
*8 Power code (x2) for the PT-LX300EA/LX270EA.	

3. Specification for Laptop/ Note book:

Laptop/Note book (Core i5 4th Gen/4 GB/500 GB) Specifications	
Dimensions(WxHxD)	345 x 244 x 25.3 mm
Colors	Black
Weight	1.9 Kg
Display Features	HD SVA anti-glare flat LED-backlit Display
Display Touchscreen	No
Display Resolution	1366 x 768 Pixels
Display Size	14.0 Inches
Display Type	LED
Processor	Intel Core i5-4210U
Processor Make	Intel
Processor Model	Core i5 4th Gen
Processor Variant	4210U
Clock-speed	1.7 Ghz
Graphic Processor	Intel HD 4400
Graphic Processor Make	Intel
Graphic Processor Variant	HD 4400
Expandable Memory	8 GB
Memory Slots	2 DIMM
RAM type	DDR3
Capacity	4 GB
RAM speed	1600 Mhz
Memory Layout	1 x 4 Gigabyte
HDD Capacity	500 GB
HDD type	SATA
HDD Speed(RPM)	5400 RPM
OS	DOS
Type	
Battery type	Li-Ion

Power Supply	65 W AC Adapter W
Battery Cell	4 Cell
Ethernet Ports(Numbers)	1
Ethernet type	10/100 BASE-T
Wireless LAN	802.11 b/g/n
Bluetooth	
Bluetooth Version	4
USB 2.0 slots	2
USB 3.0 slots	1
HDMI	1
Digital Media Reader	
Web-cam	
Make	HP TrueVision
Secondary cam(Rear-facing)	No
Headphone Jack	
Microphone Jack	
VGA Port	
Other Networking Options	1 x AC power
Audio Solution	HD Audio Solution
Speakers	Stereo Speakers
In-built Microphone	
Optical Drive	DVD+/-RW SuperMulti DL
Drive Type	DVD Writer
Pointing device	Touchpad with Multi-touch Gesture Support
Keyboard	Full-size island-style keyboard
Fingerprint scanner	No
Warranty	1 Year
Lockport	
Sales Package	Laptop, Battery, AC Adapter, User Guide

FORMAT FOR QUOTATION SUBMISSION

(In Letterhead of the supplier with seal)

To

Date:

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Sl.No.	Description of goods (with full specification)	Qty.	Unit	Quoted unit rate in Rs. (Including Ex Factory price, Excise duty, packing and forwarding, transportation, insurance, other local costs incidental to delivery and warranty/ guaranty commitments)	Total Price (A)	Sales tax and other taxes payable	
						In (%)	In figure (B)
Total Cost							

Gross Total Cost (A+B): Rs.....

We agree to supply the above goods in accordance with the technical specifications for a total contract price of Rs.....(Amount in figures) (Rupeesamount in words) within the period specified in the invitation for Quotations.

We confirm that the normal commercial warranty/guarantee ofmonths shall apply to the offered items and we also confirm to agree with terms and conditions as mentioned in the invitation Letter.

We hereby certify that we have taken steps to ensure that no person acting for us or on our behalf will engage in bribery.

Signature of supplier

Name & Address.....

Contact No.....