

Tender Notice

Tender Number: CSE-TND/01/25-26

The Department of Computer Science & Engineering is going to purchase the following items according to the given specification.

Items:

- 1. Duplex colour laser printer**
- 2. Mono-Laser Multi Function Printer**
- 3. Mono-Duplex laser Printer**
- 4. A-4 Sheet feed scanner**
- 5. Projectors (Normal & short-throw).**

The detailed specification for each product is given below.

- The interested bidders are requested to submit the quotations (Unit price for each product inclusive all taxes) for the products with given specification within seven days fulfilling the following conditions. The final order may be placed for one/multiple units for any of the following items. The bidders are requested to submit the quotation and the supporting documents in a sealed envelope at Department of Computer Science, University Of Calcutta, Technology Campus, JD-2, Sector-III, Salt Lake city-700106.
- Installation, testing of the equipments purchased is to be done by the suppliers at our premises.
- Photo copies of Trade License, PAN, GST, must be enclosed with the tender.
- Bank Details of the Bidder must be enclosed with the quotations with a cancelled cheque.
- Please note that CU reserves the right to select the bidder for placing Work Order and lowest quotation does not guaranteed the selection of bidder.

Terms & Conditions:

1. OEM must have presence in India for more than 10 years or higher. Certificate of incorporation needs to be submitted.
2. Cartridge, Printer, Scanner OEM should be of same Make and logo must be embossed in the cartridge as mark of authenticity.
3. Warranty certificate must be submitted on OEM letterhead. URL to validate the warranty must also be mentioned.
4. OEM must have yearly average turnover of 500 Cr + for past 5 years. CA certified turnover certificate must be submitted.
5. Technical compliance must be submitted on OEM letterhead clearly stating the offered specification. Specification offered will be validated against product datasheet or OEM India website
6. Software, Firmware and drivers must be available in OEM website. OEM declaration and URL to be submitted.
7. Bid Specific authentication from OEM needs to be submitted.
8. Bidder must have valid ISO 9001:2015, 14001:2015, ISO/IEC 27001, ISO/IEC 20000-1:2018.

Detailed Specifications are attached as follows:

1. Specification for item 1:

Duplex Colour Laser Printer	
Print technology	Laser Printer
cartridge technology	Composite
Print Speed A4	Up to 25 ppm (mono/color); duplex: Up to 15 ipm (mono/color)
First page out	As fast as 11 seconds for mono and color
Print Language	PCL6, PostScript, URF, PWG-Raster, PCLm
Memory	256 MB
Processor	1200 Mhz
Duty cycle	40,000 pages/month
Duplex print	Automatic
Input tray	1-sheet multipurpose tray, 250-sheet input tray
Output tray	100 sheets
Standard connectivity	Gigabit Ethernet 10/100/1000 Base-TX network; Hi-Speed USB 2.0 (device); dual band WiFi 2.4/5 GHz
Power consumption (printing)	less than 420 watts
Starter toner yield	600 pages black, 500 pages CMY
Warranty	3-year onsite warranty

2. Specification for item 2:

Mono laser MFP	
Print technology	Laser
Cartridge type	Composite
Function	Print/Scan/Copy
print speed (A4):	20 ppm or higher
Print resolution	1200x1200 dpi
Processor	600 MHz
Connectivity	Hi-Speed USB 2.0, WiFi Direct
Scan type	Platen
Scan file format	BMP; JPG; PDF; PNG; TIFF
Memory	128 MB
Input tray	150-sheets
Output tray	100-sheets
Duty cycle	10,000 pages
Starter toner	1500 pages or higher
Power consumption (printing)	310 watt or less
Warranty	3-year onsite warranty

3. Specifications for item 3:

Mono duplex laser Printer	
Printer type	Mono laser
Cartridge type	Composite
Print speed (A4)	Up to 29 ppm or higher, 18ipm duplex
Processor	500 MHz or higher
Memory	64 MB or higher
Connectivity	Hi-Speed USB 2.0; Fast Ethernet 10/100Base-TX; Dual-band (2.4/5.0GHz) Wireless
Input capacity	150-sheet input tray or higher
Duplex	Automatic
Duty Cycle	20,000 pages or higher
Cartridge yield	Full toner with minimum 1100 pages or higher
Warranty	3-year onsite warranty

4. Specifications for item 4:

A4 Sheet-feed Document Scanner	
Scan type	Sheet feed
Scanning technology	CIS
Simplex Scan speed	Up to 40/ 40 ppm (mono/ color)
Duplex scan speed	80/ 80 ipm (mono/ color)
Output resolution dpi	75; 150; 200; 300; 400; 500, 600, 1200
Duty cycle	4,000 pages/ day
Memory	256 MB
Processor	600 MHz
Connectivity	USB 3.0, Scan to USB
Scan size	Letter: (8.5 x 11 in); Legal: (8.5x 14 in); ISO A4: (8.3 x 11.7 in),
Scan file format	PDF, PDF/A, Encrypted PDF, JPEG, PNG, BMP, TIFF, Powerpoint, Text (.txt), Rich Text (.rtf) and Searchable PDF
ADF capacity	50 pages
Warranty	3-year onsite warranty

5. (i) Specifications for item 5: (Normal)

Projector (Normal)	
Projection System	DLP Single 0.65" WXGA
Native Resolution	WXGA (1280 x 800)
Brightness	4500 ANSI Lumens
Contrast Ratio	25,000:1
Display Color	30 bit (1.07 Billion Colors)
Aspect Ratio	16:10 (5 aspect ratio selectable)
Light Source	Lamp
Light Source Life	a. Normal 6000 hrs, b. ECO 10000 hrs, c. SmartEco 10000 hrs, d. LampSave 15000 hrs
Throw Ratio	1.55~1.7
Zoom ratio	1.1x
Keystone Correction	Auto ID, Vertical +/- 40 degrees
Lens	F/# = 2.56 ~ 2.68, f = 22 ~ 24.1 mm
Projection Offset (Full-Height)	100.00%
Projection Size	60"~150"
Picture Modes	3D, Bright, Infographic, Presentation, Spreadsheet, sRGB, User 1, User 2
Built-in Speaker	10W
Resolution Support	VGA(640 x 480) to WUXGA_RB(1920 x 1200) *RB=Reduced blanking
Horizontal Frequency	15K~102KHz
Vertical Scan Rate	23 ~ 120 Hz
Video Compatibility	"NTSC, PAL, SECAM, SDTV (480i/576i), EDTV (480p/576p, HDTV (720p, 1080i/p 60Hz)"
Input Connectivity	HDMI (1.4a/HDCP1.4) x 2, PC in (D-sub 15pin)x1, Monitor out (D-sub 15pin)x1, Composite Video in (RCA)x1, S-Video in (Mini DIN 4pin)x1, USB Type A x1, USB Type Mini B x1, Kensington anti-theft lock slot x1
Audio	Audio in (3.5mm Mini Jack)x1
	Audio out (3.5mm Mini Jack)x1
Communication port	RS-232 (D-Sub, 9pin) x 1
Acoustic Noise (Typ./Eco.)(dB)	34/29
Operating Temperature	0 ~ 40 Degree C
Typical Power Consumption (110V)	260W/110V
Power Supply	AC 100 to 240 V, 50/60 Hz
Product Dimensions (WxHxD)	296 x120 x221 mm
Product Weight	2.3 Kg
Accessories (Standard)	Power Cord (by region)
	Remote Control (RCX016)
	VGA Cablex1
	Warranty Card (by region)

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5. (ii) Specifications for item 5 (Short-throw):

Projector (Short-throw)	
Projection System	DLP
Native Resolution	XGA(1024X768)
Brightness (ANSI Lumens)	3600AL
Contrast ratio*	20000:1
Display Colour	1.07 Billion Colors
Aspect Ratio	Native 4:3 (5 aspect ratio selectable)
Light Source	Lamp 200W
Light Source Life*	Normal 5000 hr Economic 10000 hr SmartEco 10000 hr LampSave 15000hr
Throw Ratio	0.61
Zoom ratio	Fixed
Lens Shift	N/A
Keystone Correction	1D, Vertical +/- 30 degrees
Projection offset	115%+-2.5% (Full-Height)
Projection Size	60"~120"
Built-in Speaker	10W x1
HDTV Compatibility	480i, 480p, 576i, 567p, 720p, 1080i, 1080p
Video Compatibility	NTSC, PAL, SECAM
Resolution Support	VGA(640 x 480) to WUXGA_RB(1920 x 1200) *RB-Reduced Blanking
Horizontal Frequency	15K~102KHz
Vertical Scan Rate	23~120Hz
Input Connectivity	HDMI x 2, Computer In (D-Sub 15pin, Female) x 2
Output Connectivity	Monitor Out (D-Sub 15pin, Female) x 1, USB-Type A x 1 (power)
Audio Input	Audio in (mini jack) x 2
Audio output	Audio Out (mini jack) x 1
Communication port	RS-232 (D-Sub, 9pin, male) x 1, USB Type Mini-B x 1 (download and page/down)
Power Consumptions(Max/Normal/Eco)	260W(typical), Standby<0.5W
Power Supply	100 ~ 240V AC
Product Dimensions (WxHxD)	296 (W)*239(D)*120(H) mm
Product Weight	2.6 Kg (5.7 lbs)
Noise Level(Normal/Eco)	33/29 dBA
Accessories (Standard)	Power Cord (by region) Remote Control (RCS011) AAA Batteryx2 Warranty Card (by region) QSG (4J.JKS01.001)
Keystone Adjustment	1D, Vertical ± 30 degrees
3D Compatibility	Frame Packing;Frame Sequential;Side by Side;Top Bottom
Freeze	Yes
SmartEco	Yes
Eco Blank	Yes
Wall Color Correction	Yes

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