



Sidho-Kanho-Birsha University

Ranchi Road, P.O.- Sainik School
District - Purulia, PIN - 723104, W.B.

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Ref No: FO /42 /SKBU/19

Date: 11/01/2019

E- Tender Notice

1. SIDHO-KANHO-BIRSHA University, Purulia intends to procure Lab Instruments/Software for **Mathematics Department** at Purulia. The tentative quantity of the required items along with technical configuration of each items are mentioned at Annexures separately. SKB University is looking for interested bidders who have experience in supplying of above type of instruments.
2. Bidders are advised to study all technical and financial aspects, instructions, forms, terms and specifications carefully in the tender document. Failure to furnish all information required in the Tender Document or submission of a bid not substantially responsive to the Tender document in every respect will be at the Bidder's risk and may result in the rejection of the bid.
3. Intending bidder may download the tender documents from the website **<https://wbtenders.gov.in>** OR **www.skbu.ac.in**. **Only Online Submission of Tender will be accepted.** Last date of submission: **31/01/2019 up to 12:00 hrs.**
Opening Date 02/02/2019, 1 PM.
4. The categories of items and quantity indicated in the Tender Document are tentative. SKB University (SKBU), however, reserves the right to increase or decrease the quantity or delete some or all of the items depending on the needs of the SKBU and availability of funds without assigning any reasons.
5. The bidder should indicate specifically the **Basic Price, Taxes, GST, Entry tax, other duties (if any)**, and levies chargeable quantitatively against each item. **University will assist to have way bill (if necessary) but the pay will be borne by the bidder.** University having valid Central excise duty exemption certificate issued by DSIR, New delhi..No additional information will be entertained after due date. SKBU may reject bids if they do not carry such information separately and specifically quantitatively.
6. The tender should be submitted in two cover system (electronically) as defined in E-Tender participation system: (a) Technical Bid (b) Financial Bid.
7. The bidder should clearly indicate the delivery period and validity period of tender.
8. The bidder should clearly indicate the availability of service and maintenance facilities at Purulia for the items quoted.
9. The bidders are required to quote for each item separately in terms of basic price and all other charges. **Prices can be quoted in Multi Currency.**

10. The bidder (Technical Bid) must be submitted along with the copies of OEM license or authority from the manufacturer.
11. SKB University reserves the right to reject any or all tenders without assigning any reason whatsoever.
12. No advance payment or payment against Performa invoice will be made. Payment will be made after receipt, inspection, and installation/testing.
13. 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.
14. On acceptance of tender, the date of delivery should be strictly adhered to otherwise, the SKB 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 SKB University will be at liberty to make purchases through other sources.
15. Payment of bill will be made through by crossed account payee Cheque or electronic payment (NEFT) only after delivery and successful installation of each of the items.
16. Delivery Schedule: The Company shall be able to deliver the required items within 15 days of the receipt of order. Delivery/Installation is to be done at Purulia, West Bengal.
17. Warranty : All the products must carry minimum one year comprehensive warranty.
18. The products asked for should be of very high standard and of mentioned brand.
- 19. Liquidated Damages :** The Company shall be liable to indemnify the SKB University in all respects and meet and pay off the litigation expenses and all the liabilities including damages, sums etc. arising out of and as a consequence of the negligence, deficiencies, mistakes, lapses, delays etc. in the execution of the various jobs and the services provided.
20. The company should ensure quick back up response in case of equipment failure which should be replaced if needed within 48 hours of the distress call.
- 21. Payment:** There is no provision for making advance payment to the Company. However, the running bills for the jobs completed can be submitted by the company and will be cleared for payment within reasonable period.
- 22. 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.

Annexure 1

Proforma For Technical Bid

Sl	Particulars	Information
1	Name of the Firm & Owner : (with Telephone/Mobile Numbers, email)	
2	Type of Organisation (Proprietorship/Partnership/Pvt. Ltd./Limited Company) Month/Year of Establishment	
3	Website of Bidder, if any	
4	Month/Year of Establishment	
5	PAN/Sales Tax/VAT Regd. Nos.	
6	Annual Turnover 2017-18	
7	Whether product(s) offered by the bidders are exactly as per the configuration of SKB University. If not, indicate the changes in each product	
8	Clientele (submit copies)	
9	Validity of Tender	
10	Whether Terms & Conditions issued by SKB University are acceptable to the Firm	
11	Whether Warranty as per the desired specification	

**** Bidder should only quote rate for 1 unit of each item in BOQ.**

Date

Name:

Signature of Owner/Authorized Representative

Designation:

Department of Mathematics

List of items:

1. MATLAB (LATEST VERSION): (USER- 1, 5 & 10)
2. MATHEMATICA (LATEST VERSION): (USER- 1, 5 & 10)
3. LINDO API (LATEST VERSION): (USER- 1, 5 & 10)
4. PHOTOCOPIER MACHINE: (Cannon Colour)
5. COMPUTER SET

Specification details:

1. MATLAB with Symbolic Math Toolbox , Fuzzy Logic Toolbox, Partial Differential Equation Toolbox, Optimization Toolbox, Global Optimization Toolbox, Statistics And Machine Learning Toolbox, Wavelet Toolbox -(USER- 1, 5 & 10)
2. MATHEMATICA: Latest version (USER- 1, 5 & 10)
3. LINDO API (LATEST VERSION) (USER- 1, 5 & 10)
4. PHOTOCOPIER MACHINE:

Main Unit

Machine Type: Colour Laser Multifunctional

Core functions: Print, Copy, Scan, Send, Store and Optional Fax

Processor: Canon Dual Custom Processor (Shared)

Control Panel: 5 inch TFT LCD WVGA Colour Touch panel

Memory Standard: 2.0GB RAM

Interface Connection: NETWORK -Standard: 1000Base-T / 100Base-TX / 10Base-T,

Wireless LAN (IEEE 802.11 b/g/n);

Optional: NFC

OTHERS Standard: USB 2.0 (Host) x2, USB 2.0 (Device) x1;

Optional: Copy Control Interface

Paper Capacity (A4, 80/m²)

Standard: 1,200 Sheets

Maximum: 2,300 Sheets

Paper Source (A4, 80/m²)

Standard: Two 550-sheet paper cassettes 100-sheets Multi Purpose Tray

Optional: Dual 550-sheet paper cassettes (CASSETTE FEEDING UNIT-AP1)

Maximum: 2,300 Sheets

Paper output capacity (A4, 80/m²)

Standard: 250 Sheets

With Inner Finisher: 600 sheets *INNER FINISHER-K1

Finishing capabilities

Standard: Collate, Group

With Inner Finisher: Collate, Group, Offset, Staple, Staple-Free Staple, Staple-on-Demand

Supported media sizes

Cassette 1:

Standard size: A4, B5, A5R
Envelopes: ISO-C5
Custom Size: 139.7 x 182mm to 297 x 215.9mm

Cassette 2:

Standard size: A3, B4, A4, B5, A4R, A5R
Envelopes: No.10 (COM10), Monarch, DL
Custom Size: 139.7 x 182mm to 304.8 x 457.2mm

Cassette 3/4 (CASSETTE FEEDING UNIT-AP1):

Standard size: A3, B4, A4, A4R, B5R, B5, A5R
Custom Size: 139.7 x 182mm to 304.8 x 457.2mm

Multi-purpose tray:

Standard size: A3, B4, A4, A4R, B5R, B5, A5, A5R, SRA3
Custom size: 98.4 x 139.7mm to 320 x 457.2mm
Envelopes: No.10 (COM10), Monarch, ISO-C5, DL

Supported Media Weights

Cassette 1, 2: up to 250g/m²
Cassette Feeding Unit: up to 250g/m²
Multi-purpose tray:
 Coated paper: up to 260g/m²
 Heavy Paper: up to 300g/m²
Duplex: up to 230g/m²

Warm-up Time

From Power On: 30 Seconds or Less
From Sleep Mode: 10 Seconds or Less

Dimensions (W x D x H)

DADF-AV1: up to 570 x 670 x 890mm
PLATEN COVER TYPE W: up to 570 x 640 x 790mm

Weight: up to 70kg including toner (when attach with DADF-AV1)

Toner (Estimated Yield @ 5% Coverage)

Black: 36,000
Colour: 19,000

Drum Yield: 54,000

Print Specifications

Printing method: Colour Laser Beam Printing
Print Speed (BW/CL): minimum 20ppm (A4), minimum 15ppm (A3)
Print Resolution: up to 600 x 600dpi, 1200 x 1200dpi
Page description languages: UFR II (Standard), PCL 6, Adobe PS3 (Option)
Double Sided Printing: Automatic (Standard)
Direct Print: Direct printing from USB memory key Supported file types:
 TIFF, JPEG, PDF and XPS.
Fonts PCL fonts: 93 Roman, 10 Bitmap fonts, 2 OCR fonts, Barcode fonts*
 PS fonts: 136 Roman

Operating System

UFR II: Windows Vista / Server 2008 / Windows 7 / Server 2008 R2 / Windows 8 /
Server 2012 / Windows 8.1 / Server 2012 R2 / Windows 10 / Server 2016, MAC OS
X (10.7.5 or later), Linux

PCL: Windows Vista / Server 2008 / Windows 7 / Server 2008 R2 / Windows 8 / Server 2012 / Windows 8.1 / Server 2012 R2 / Windows 10 / Server 2016

PS: Windows Vista / Server 2008 / Windows 7 / Server 2008 R2 / Windows 8 / Server 2012 / Windows 8.1 / Server 2012 R2 / Windows 10 / Server 2016, MAC OS X (10.7.5 or later)

PPD: MAC OS 9.1 or later, MAC OS X (10.3.9 or later), Windows Vista / Windows 7 / Windows 8 / Windows 10

Copy Specifications

Copy Speed (BW/CL): minimum 20ppm (A4), 15ppm (A3)

First-Copy-Out Time (BW/CL) : up to 6/ 9 seconds or less

Copy resolution Reading: 600 x 600dpi

Multiple Copies: Up to 999 copies

Copy Exposure: Automatic or Manual (11 Levels)

Magnification: 25 - 400% (1% Increments)

Scan Specifications

Type: Colour Platen and Duplexing Automatic Document Feeder

Supported media size/s: DADF-AV1: A3, B4, A4R, A4, B5R, B5, A5R, A5, B6

Scan Resolution: up to 300 x 300dpi, 600 x 600dpi

Scan Method: Send, Scan to USB, Pull scanning

Document Feeder Paper Capacity: DADF-AV1: 100 Sheets (80g/m²)

Double sided scanning: 2-sided to 2-sided (Automatic)

Send Specifications

Destination: E-mail / Internet FAX (SMTP), SMB, FTP, Super G3 FAX(Optional)

Colour Mode:

Auto Colour Select (Full Colour, Grayscale),

Auto Colour Select (Full Colour/ Black-and-White)

Full Colour, Grayscale, and Black-and-White

Address Book: LDAP (5) / Local (300) / One-touch (281)

Send resolution: 300 x 300dpi

Communication protocol

File: FTP, SMB v3.0

E-mail / I-Fax: SMTP, POP3, I-Fax (Simple)

File Format Standard: TIFF, JPEG, PDF(Compact, Searchable)

Optional: PDF(Encrypted, Digital Signature)

Fax Specifications

Maximum Number of Connection Lines 1

Modem Speed Super G3: 33.6kbps, G3: 14.4kbps

Compression Method MH, MR, MMR, JBIG

Resolution: 400 x 400dpi, 200 x 400dpi, 200 x 200dpi, 200 x 100dpi

Sending / Recording Size: A5 and A5R to A3 Sent as A4

FAX memory: Up to 512 pages

Speed dials: Max. 281

Group dials: Max. 299 dials

Security Specifications

Authentication Standard: Department ID Authentication, uni FLOW connectivity

Environmental Specifications

Operating Environment

Temperature: 10 to 30°C (50 to 86°F)

Humidity: 20 to 80% RH (no condensation)

Power source 220 - 240V ($\pm 10\%$), 50 / 60Hz ($\pm 2\text{Hz}$), 4.0 Amp

Power consumption

Maximum: Approx. 1.5kW

Standby: Approx. 33.6W

Sleep mode: Approx. 2W (Wireless LAN power save mode: OFF), 1W (Wireless LAN power save mode: ON)

Paper Supply Options

CASSETTE FEEDING UNIT-API

Paper Size: A3, B4, A4, A4R, B5R, B5, A5R

Custom Size: up to 139.7 x 182mm to 304.8 x 457.2mm

Paper Weight: up to 220g/m²

Paper Capacity: 1,100 sheets (80g/m²)

Power Source: From the Main Unit

Dimensions (W x D x H): upto 570 x 620 x 250mm

Weight: up to 17kg

5. COMPUTER SET:

Operating System: Windows 10 original

Processor: 7th Gen. Intel Core i5 2.5 GHz

Form Factor: All-in-One

Graphics: Intel HD/Intel HD Graphics 620/Integrated

Display: up to 22" (56cm), Full HD/ FHD UWVA anti-glare WLED-backlit (1920x1080)

Weight: up to 6 kg

Dimension (WxDxH): up to 54x19x40 cm

Drives: DVD Writer

Hard Drive: Minimum 1 TB 7200 rpm SATA

Memory: Minimum 4 GB DDR4-2133 SDRAM (slots-2)

Ports: 2 USB 2.0; 2 USB 3.0; 1 headphone/microphone

Network interface: Integrated 10/100/1000 GbE LAN

Wireless: 802.11 b/g/n (1x1) and Bluetooth 4.0 M.2 combo

Multimedia & input device: Keyboard, Mouse, etc.

Power supply: up to 65W external AC power

Warranty: Minimum 3 years onsite.