

छत्रपति शाहू जी महाराज विश्वविद्यालय, कानपुर

CHHATRAPATI SHAHU JI MAHARAJ UNIVERSITY, KANPUR



कल्यानपुर, कानपुर
KALYANPUR, KANPUR

Department of Biotechnology Institute of Bio Sciences & Biotechnology TENDER DOCUMENT

Cost of tender- Rs 500/-

Tender No. _____

Last date of Submission:

Up to time

S.No. _____

Sealed tender is invited for the purchase of various equipments for Department of BioTechnology Institute of Biosciences & Biotechnology, CSJM University, Kanpur till 27.03.2017, which will be submitted in the tender box kept at the office of estate officer and tender will be opened on same date on 3.30 pm. Sealed tender envelope must be labeled "Tender for supply of equipments in department under RUSA scheme, IBSBT BioTechnology CSJMU 2016-17." The applicant can download the tender document from the University official website www.kanpuruniversity.org and attach bank draft of Rs. 500.00 in favour of the Finance officer CSJM University, Kanpur. Terms and conditions and other information are available on the official website of Kanpur University.

Details of Tender Document:

1. Name of tenderer
2. Father's Name
3. Address
4. Trade Tax No.
5. PAN/TIN No.
6. CST
7. Proof of Work Experience in Govt. Organization for similar equipment supply....
.....
8. Proof of Annual turnover
9. Email address
10. Telephone/Mob. No.

I/We except all the terms & conditions attached with the tender document. In case of approval of rates I/We will supply items according to work order.

Signature of Applicant

Eligibility Criteria of vendors

1. The tender should strictly be submitted in the format as per Performa enclosed.
2. If applying on behalf of a company as a dealer, a dealership document should be attached.
3. Original technical literature should be attached.
4. Quotation should be valid for minimum period of three months.
5. Warranty period will be at least one year.
6. Tenders with out the earnest money of Rs 10,000/-(Rupees Ten thousand only) shall not be considered. The earnest money will be in the form of DD in favour of Finance Officer, CSJM University; Kanpur payable at Kanpur otherwise tender will not be entertained.
7. The rates offered should be FOR Department of Department of Biotechnology, IBSBT,,CSJM University, Kanpur
8. The University reserves the right to reject all or any of the tenders without assigning any reason.
9. The firms having credential of supplying and installation of substantial variety of BioTechnology Department, IBSBT equipment in conformity of the items mention in the Bill of Quantities of this tender will be selected. The firms should have valid PAN & VAT / Central Sales tax Registration Number.
10. The firms must have its maintenance services at Kanpur/ Lucknow UP. The firms should satisfy that after sales services would be adequate in the event of placing order with them.
11. Even though any bidder may satisfy the above requirements, he/she would be liable to be disqualified if he/she has :
 - (a) Made misleading or false representation or deliberately suppressed the information in the forms, statements and enclosures required in the eligibility criteria document.
 - (b) Records of poor performance such as abandoning work, not properly completing the contract, or financial failures/weaknesses etc.

Technical Bid and Financial Bid

1. **Technical Bid and Financial Bid should be submitted separately.**
2. **Technical Bid will be first considered by the Technical Committee and when technical bid is found satisfactory in all respects Financial Bid shall be taken in to consideration.**

Terms of Payment

1. 100% against successful installation.

Delivery

1. The delivery of the terms will have to be made within four (2) weeks time from the date of receipt of order. Delivery should be made at BioTechnology department IBSBT , CSJM University, Kanpur
2. In case of late delivery, penalty shall start after the expiry of the delivery period (i.e. 2 weeks from the date of receiving of order by the supplier).
3. Penalty shall be 0.5% of the total order amount per day for a period of two weeks and 1% of the total order amount per day up to one week after which the order may be cancel.

Installation

1. Installation must be done within one week from the date of delivery of items, failing which penalty shall be imposed.
2. Penalty shall be charged @ 0.5% of the total order amount per day for a period of two weeks and @ 1% per day thereafter for another two weeks. After which the items may be rejected or cancelled.

Registrar

Technical Bid
CHHATRAPATI SHAHU JI MAHARAJ UNIVERSITY, KANPUR

Name and address of firm
.....Telephone No.....

Dealer certificate details.

Enlistment details

Experience details.....

Service tax number..... VAT/TIN No.....

EPF No.....PAN No.....

Details of Earnest Money

EMD Amount Rs.....Name of bank & branch.....

D.D./FDR No.....Date.....

Details of Tender cost

Tender Cost Rs.....University Receipt /D.D No.....

Name & branch of bank.....Date.....

I have read all the terms and condition and I pledge to abide by them.

Date.....

Signature & Stamp of Tenderer

Encls.

**Department of Biotechnology
IBSBT,
CSJM University
Kanpur**

1. Orbital Shaker

Specification

Digital speed control

Speed range 50-250 RPM

Digital timer

Platforms with clamps (changeable, 50ml, 100ml, 150ml)

Flask holding capacity: 12

With illumination

Required 01

2. UV-Visible spectrophotometer

Cell Holder : Single Cuvette Holder (10mm)

Bandwidth : 1nm

Optical System Double Beam(1200 Lines/mm Grating)

Wavelength Range 190-1100nm

Wavelength Accuracy $\pm 0.3\text{nm}$

Wavelength Repeatability $\pm 0.2\text{nm}$

Photometric Accuracy $\pm 0.3\%T$

Photometric Repeatability 0.2%T

Photometric Range -0.3-3A,0-200%T,0-9999C

Lamps D2 Lamp & Tungsten Halogen Lamp (W Lamp)

Detector Silicon Photodiode

Required 01

3. Table top Cooling Centrifuge

Max.Speed 16000 RPM

Display Digital

Digital Timer 0-30 min

Power Supply 220 V / 50 Hz

Capacity 12x1.5ml, 6x5ml

Type of Head Angle

No. of Tubes 6 & 12

Max. RCF 17000 g

Required 01

4. Trinocular upright research microscope for immunofluorescence work

Required 01

MICROSCOPE BODY	MICROSCOPE BODY WITH UNIFORM ILLUMINATION THROUGH OUT THE FIELD OF VIEW INCL. PERIPHERY. IT SHOULD HAVE 3 BUILT-IN FILTERS (NCB11, ND8, ND32)
MAGNIFICATION	100X FOR OBSERVATION
OPTICAL SYSTEM	INFINITY CORRECTED OPTICAL SYSTEM
EYEPIECE TUBE	ANTI-FUNGUS TYPE TRINOCULAR TUBE, SHOULD BE INCLINED AT 25 DEGREE ANGLE WITH F.O.V. 22MM OR BETTER WITH 3 WAY LIGHT DISTRIBUTION (100/0, 20/80, 0/100).
EYEPIECE LENS	10X (2PCS) WITH DIOPTRER ADJUSTMENT (F.O.V. 22MM) OR BETTER.
OBJECTIVE	OBJECTIVES SUITABLE FOR BRIGHT FIELD & FLUORESCENCE MICROSCOPY OBSERVATION PLAN ACHROMAT 4X (N.A. 0.10, W.D. 25.0 mm OR BETTER) PLAN ACHROMAT 10X (N.A 0.25 W.D. 7.0mm OR BETTER) SEMI APOCHROMAT / PLAN FLUOR 20X (N.A 0.50, W.D. 2.1mm) SEMI APOCHROMAT / PLAN FLUOR 40X (N.A 0.75, W.D. 0.66mm) SEMI APOCHROMAT / PLAN FLUOR 100X OIL (N.A 1.30, W.D 0.2mm.)
NOSE PIECE.	REVERSED SEXTUPLE REVOLVING NOSEPIECE TO ACCOMMODATE SIX OBJECTIVES AT A TIME
STAGE	SUPER HARD CERAMIC COATED SURFACE , STAY IN POSITION STAGE HANDLE, STAGE HANDLE HEIGHT & TENSION SHOULD BE ADJUSTABLE.
CONDENSER	UNIVERSAL CONDENSER WITH 6 POSITIONS SUITABLE FOR ALL MICROSCOPY TECHNIQUES.
ILLUMINATION	12V-100W HALOGEN LAMP PRECENTERED AND PREFOCUSED.
EPI FLUORESCENCE ATTACHMENT	WITH 6 POSITION TURRET FILTER BLOCK, NOISE TERMINATOR MECHANISM INCORPORATED FOR HIGH SIGNAL TO NOISE RATIO IMAGES WITH 100 WATT MERCURY ILLUMINATOR LAMP SHOULD HAVE LIFETIME OF 200 HRS OR
MORE	ALONG WITH THREE FLUORESCENT FILTERS FOR FITC/GFP, DAPI/HOECHST & TRITC

DIGITAL COLOR CAMERA:

DIGITAL COLOR CMOS/CCD CAMERA WITH APPROX. 5.00 MILLION PIXEL RESOLUTION OR BETTER; LIVE DISPLAY MODE: (12-15 FRAMES/SEC. AT FULL RESOLUTION I.E. 5 MILLION PIXEL RESOLUTION; 25-30 FRAME/SEC. WITH ROI & BINNING MODE OR BETTER); EXPOSURE TIME: 100 MICRO SEC. – 30 SEC.; WITH USB 3/ FIRE WIRE PORT FOR TRANSFERRING ACQUIRED CAMERA ONTO DESKTOP/LAPTOP THROUGH SINGLE WIRE WITH SUITABLE C-MOUNT CAMERA ADAPTER.

SOFTWARE: IMAGE ANALYSIS SOFTWARE WITH FOLLOWING FEATURES:

- IMAGE ACQUISITION, ANALYSIS & MULTI-CHANNEL MERGING,
- TIME LAPSE IMAGING,
- Z-STACK, ANNOTATION,
- MANUAL MEASUREMENT, COUNTING,
- ND VIEWER, LARGE IMAGE, MACRO,
- REPORT GENERATOR FACILITY,
- VECTOR LAYER & MULTI-DIMENSIONAL FILE FORMAT.

DATA COLLECTION AND PROCESSING UNIT: BRANDED COMPUTER WITH I5 PROCESSOR, 4 GB RAM, DVD WRITER, 500 GB OR HIGHER HDD, 21" TFT MONITOR, ALONG WITH MULTIMEDIA KIT AND UPS.

NOTE:

1. MICROSCOPE, CAMERA & SOFTWARE SHOULD BE FROM SAME SOURCE OF MANUFACTURING FOR BETTER COMPATIBILITY.
2. MICROSCOPE SHOULD BE UPGRADABLE TO DIC APPLICATION IN FUTURE.
3. VENDOR SHOULD ENCLOSE SATISFACTORY INSTALLATION LIST AND PERFORMANCE CERTIFICATES OF QUOTED MICROSCOPE SUPPLIED IN PREMIER REFERENCE RESEARCH INSTITUTE

Computer Lab

30 computers

Processor Intel Core i7 Processor

4 GB Memory

1 TB HDD

Printer (Laser)

Multifunction (Printer, scanner, photocopier)

Paper Handling Sizes A4, A5, B5, C5, C6, DL, postcard