



TENDER DOCUMENT FOR THE PURCHASE OF LABORATORY EQUIPMENTS

CONTENT

1. PART 'A'

- (i) Notice Inviting**
- (ii)**
- (iii)**
- (iv)**
- (v)**
- (vi)**
- (vii)**
- (viii)**
- (ix)**



Notice Inviting Tender (NIT)

IFBNo.:

Date:

BIDDING FOR PURCHASE OF LABORATORY EQUIPMENTS

1. The **Uttarakhand Council for Biotechnology** invites sealed bids from **Manufacturers/ AuthorizedDealers/ Indian Distributors** for the purchase of different laboratory Equipments listed below :-

SR. NO.	NAME OF EQUIPMENTS	QTY.	EMD(Rs.)
1	UV Spectrophotometer	1 Nos	2 % Of Quoted Value
2	PCR	1 Nos	2 % Of Quoted Value
3.	Compound Microscope	1 Nos	2 % Of Quoted Value

2. The complete bid document can be downloaded from web site www.ucb.ac.in .

a)	Last date and time for physical submission of bids	30 th March 2024 Up to 10:30 AM
b)	Date and Time of Opening of Technical Bids	30 th March 2024 At 2:30 PM
c)	Address for Communication	Uttarakhand Council for Biotechnology, Biotech Bhawan, Haldi (Pantnagar), U. S. Nagar
d)	EMD	Required in shape of FDR/DemandDraft in favor of Director, UCB, Haldi, Pantnagar
e)	Tender Fee	Required in shape of DemandDraft in favor of Director, UCB, Haldi, Pantnagar



3. Bids must be accompanied by Demand Draft/Fixed Deposit Receipt as per list given below, pledged in favor of **Director, UCB Haldi (Pantnagar)**
4. **The bidder has to submit a hard copy of the bid document along with original copies of EMD, Bid document fees, Authorization Letter from OEM / Manufacturer and other relevant desired documents up to 30th March 2024 Up to 10:30 AM, otherwise bid will not considered for further process.**
5. The Bidder shall have a **minimum turnover of Rs. 90 lakh during the last 3 financial years** ending 31st March 2023 from related supported & evidenced by the audited accounts of the company
6. In the event of the date specified for bid receipt and opening being declared as a holiday for purchaser's office, the due date for submission of bids and opening of bids will be the following working day at the specified time.
7. The Tender Inviting Authority reserves the right to accept or reject any bid, and to the bidding process and reject all bids at any time (without assigning any reason) prior to award of Contract, without there by incurring any liability to the affected Bidder or bidders or any obligation to inform the affected Bidder or bidders of the grounds for the Purchaser' sanction.

(Director)



Part 'A'

Technical Bid

**To be submitted in a separate envelope superscribing
'Technical Bid'**

Item-----



“PLEASE CAREFULLY GO THROUGH THIS DOCUMENT AND ENSURE COMPLIANCE. THE NON-COMPLIANCE OF ANY CONDITION MAY MAKE YOUR OFFER INVALID”

Part (A): Technical Bid

“Please furnish the following information in this part so as to enable the panel to decide about the qualification & the Technical Bid. Necessary documents/certificates from the appropriate authority must be attached in support of statement at serial '1'to'12' below.

Tenderer's reference No. _____		Date _____
1	Items for which Tender applied for	
2	Name of the renderer	
3	Address	
4	Telephone No.	Fax No.: _____ Mobile: _____ e-mail: _____
5	Earnest Money (must be attached with technical bid) a) FDR/Demand Draft	Rs.: _____ A/c M/s _____ No.: _____ Date _____
6	OEM Authorization / Dealership Certificate	
7	Manufacturing license No. & date	
8	<u>GST registration</u> No. & date (Certificate to be enclosed)	
9	Income Tax PAN. No	
10	ISO awarded Certificate for the Quoted Model (In case it is awarded to the firm)	
11	Please indicate if you are on Government e-Market Place (GEM) portal, (if Yes /No)	
12	Annual turnover for the last three years (a) 2020 –2021 (b) 2021 –2022 (c) 2022 –2023 (certificate from CA is required)	Rs.: _____ Rs.: _____ Rs.: _____



14	After sales service available (Especially in Uttarakhand,Details from Manufacturer must be enclosed)	
15	Non Black listed declaration on Company letter head	
18	Technical specifications on company letterhead for the quoted Model & catalog/brochure model should be enclosed	
19	Authorized dealer's name and address, along with for supply & Billing	
20	Technical Compliance Yes/No	

NOTE:

Before sending/submitting the tender, the tenderer should read carefully, the attached terms & conditions, special terms & conditions and instructions to the tenderer etc.

(Signature of tenderer with seal)



GENERAL TERMS & CONDITIONS

1. Sealed tenders are invited by the “Uttarakhand Council for Biotechnology, Pantnagar” for various Labequipment.
2. (For a two bid tender) Technical Bid & Financial Bid will be received in two separate sealed envelopes. Both the envelopes will then be putting to one big envelope & sealed properly super-scribing “Technical& Financial Bids” for the supply of.....due on.....
3. (a) The envelope containing Technical Bid should be super-scribed “Technical Bid” for the supply of [Name of].....
(b) Thee envelope containing Financial Bid should be super-scribed “Financial Bid” for the supply of [Name of stores].....
4. Supply of the goods is acceptable on bill basis only .**R.R./documents through bank is not acceptable.**
5. Payment shall be made normally within 30 days from the date of receipt of goods in proper/ satisfactory/ working conditions.
6. Tender documents must be submitted consisting of notice inviting tender, tender form (technical and/or financial), general terms & conditions of supply, special conditions if any, schedule of items duly filled, completed & signed by the tenderer. **(Rates for each item must be quoted in Financial Bids)**
7. Tenders should be addressed to the Director, **Uttarakhand Council for Biotechnology, Haldi, Pantnagar-263145**, U.S.Nagar, Uttarakhand, duly sealed properly.
8. Tenders will be received in the office of “Directors Office, UCB Haldi” up to 30th March 2024 Up to 10:30AM **at** and Technical Bid/ tender as per tender notice will be opened on dated 30th March 2024 at 2.30 P.M.
9. The tender should be submitted along with a demand draft or fixed deposit receipt in favor of **Uttarakhand Council for Biotechnology, Haldi, Pantnagar** Tender without proper earnest money **shall notbe considered**. No Cheque shall be accepted. Earnest Money deposited earlier, if any, shall not be considered towards this tender.
10. In terms of provisions of Uttarakhand Procurement Rules, 2017 (Rule 170 of GPR 2017), Bid Securitywill be liable to be forfeited, if the tenderer withdraws or amends/ impairs or derogates from the tender in any respect with in the period of validity of this tender.
11. The purchaser has the right to forfeit performance security in case of any breach of contract committed by the supplier.
12. The supplier should quote clearly in figure and words the rate and amount tendered by him. Therequisite totals given including all charges F.O.R.destination.
13. The terms & conditions given by the supplier will not be binding on us. Conditional tenders shall be rejected at the sole discretion of the competent authority of the University.
The acceptance of a tender will rest with who does not bind itself to accept the lowest tenderand reserves itself the authority to reject or partially accept, any or all the tenders received without assigning any reason.

14. **The tenders may be dropped in the Tender Box kept in the office of UCB, Biotech Bhawan, Haldi, Pantnagar, by due date & time.** The tender may also be sent/submitted through post/courier. The tenders received after due date & time are liable to be rejection. The Council shall not be responsible for receipt of tenders after due date & to be time due to postal delays or any other reason, whatsoever.
15. **Manufacturer can authorize one or more authorize dealer/stockiest for the participation of bids for price competitiveness but should ensure the warranty & services applicable.**
16. The supplier should invariably incorporate guarantee/warranty clauses in his offer wherever applicable. While incorporating Guarantee/Warranty clause, nature & duration should be specifically mentioned.
17. Supplies will be strictly as per brand and specifications as specified in the supply order and product must bear the brand name, lot no., batch no.
18. The consignment shall be booked always in favour of consignee only and as per instructions mentioned in the purchase order.
19. In case tender documents are downloaded from Web Site by the firm, then following certificate should also be signed by the tenderer.

“Certified that we have downloaded the tender documents from Council Web Site and for any deference in contents from original document we shall be fully responsible and understand that contract awarded. The tender fee of **Rs. 1,000.00+GST 18% = Rs.1,180.00** is enclosed in shape of Bank Draft No.....date drawn on S.B.I. Bank, Haldi, only.
20. Tendered must have to enclose along with technical bid, the latest original catalogue showing important feature.
21. The participating firm if required can depute only one authorized representative to deal with their tender, whose signature must be duly verified by the tenderer, no other person will be allowed to deal with tender.
22. **Instrument not complying with the technical specification/shortfall of documents in tender will be rejected by the competent authority.**
23. Tenderer participating for more than one item should submit the EMD as prescribed & tender fee for each items separately therefore separate envelope containing technical & financial bid for each items addressed to **Director, UCB, Haldi, Pantnagar, U.S.Nagar**

Signature of issuing authority

I have read the above terms & conditions and the instructions attached herewith and understood them carefully and agree to abide by the same.

PCR MACHIN

100-240V, 96-Well, Gradient, Aluminium Thermo block, Touch Interface, ACT certified, EU und US-Plug
Aluminium Block for 96 x 0.2ml/0.1ml PCR Tube One 8x12 PCR plate Gradient PCR, capable of testing 12
different temperatures simultaneously across a gradient range of 1 - 30 deg C Steady Slope Gradient
Technology ensures ramp rates are identical in both gradient and normal operation Heating and cooling via
peltier technology. Patented Triple Circuit Technology, ensures precise control of temperature; Temperature
control range: from 4 deg C to 99 deg C Temperature Control Mode: Fast, Standard, Intermediate and Safe Lid
Temperature range: 37 - 110 deg C Block Temperature Accuracy: +/- 0.15 deg C Block Homogeneity: 20 deg
C to 72 deg C: +/- 0.2 deg C, 95 deg C: +/- 0.3 deg C Temperature control speed: approx. 3.3 deg C/s (heating)
Temperature control speed: approx. 1.5 deg C/s (cooling) Lid descent and closing pressure – Safe Lid with
TSP Intuitive Touch screen interface Administrator, user and restricted user

login with or without PIN for enhanced security

Program Migration feature to enable transfer of a PCR program from other cyclers

Time or Temperature increment with cycles in PCR program

Adjustable ramp rate from 0.1 deg C to 3.3 deg C to meet critical amplification conditions

Customized programming allows a maximum of 40 temperature iterations with 1-99 repetitions

Auto Restart facility with user defined time interval when power fails and resumes

Instrument status indicates the step, cycle and remaining runtime during the run

System memory of upto 500 User folders, 5000 programs and 1000 program runs

One USB port: for Protocol transfer and One Ethernet port: Visionize connectivity

Event log for user specific, device specific functions, error messages and verification/calibration

Energy save mode function

Cooling vents at bottom and rear allow placing other instruments in limited bench space

Dimensions: W: 24.5 cm, L: 38.5 cm, H: 23 cm

Weight: 7.25 kg

Power supply: 100-240 V +/-10 50-60 Hz

Power consumption: 500 W

Calibration according to NIST (USA), DKD/PTB (Germany) UKAS/NPL (UK), UL/CUL listed

Two year warranty



1. UV-Visible range scanning spectrophotometer Measurement modes

- ~ Live Display in Abs, %T or Concentration
- ~ Scanning
- ~ Fixed wavelength at multiple wavelengths with calculations
- ~ Quantitative Analysis
- ~ OD600 analysis
- ~ Kinetics
- ~ Programmable method library
- ~ Smart Start direct boot-up

Technical Specifications

- ~ Double beam, Czerny-Turner optical system with reference cell position
- ~ Xenon flash lamp
- ~ Dual silicon photodiode detectors
- ~ Wavelength Measurement Range: 190 - 1100nm
- ~ Wavelength Accuracy: $\pm 0.5\text{nm}$
- ~ Wavelength Repeatability: $< \pm 0.2\text{nm}$
- ~ Data interval when scanning: 0.1, 0.2, 0.5, 1, 2, 5 nm
- ~ Scan speeds: Slow, Medium & Fast - up to 1600nm/min
- ~ Photometric Display Range: -3A to +5A
- ~ Photometric Linear Range -2A to +3.5A
- ~ Photometric accuracy $\pm 0.002\text{A}$ at 0.5A. $\pm 0.004\text{A}$ at 1A. $\pm 0.008\text{A}$ at 2A
- ~ Spectral bandwidth = 2nm
- ~ Noise: $\leq 0.0002\text{A}$ at 0A; $\leq 0.0003\text{A}$ at 1A; $\leq 0.0004\text{A}$ at 2A @ 260nm and 500nm
- ~ Drift: $< 0.0005\text{A/hr}$

Stray light @198nm $< 1.0\%T$; @220nm $< 0.05\%T$; 340nm $< 0.03\%T$

~ Baseline Flatness $\pm 0.002\text{A}$

Design Features

- ~ Removable, washable sample compartment
- ~ Easy-access top-and-front sample comp't lid
- ~ 7 inch/17.8cm High Definition Color Touch panel display; tiltable; 1280 x 800 pixels
- ~ Sloping surfaces to shed spills Includes
- ~ 8 Position rotary changer with room light resistance
- ~ Dust cover

Optional

- ~ Direct connect thermal printer
- ~ Sample compartment holders for filters and long path cuvettes
- ~ 4 Position rotary changer for long path cells to 50mm
- ~ Peltier thermostatted cell holder with room light resistance
- ~ Sipper accessory with room light resistance
- ~ Fiber optic dip probe and coupler accessory with room light resistance

840-309200: Double Beam UV-Vis with India Power Cable

UV-Visible range double beam scanning spectrophotometer

Includes single cell holder

Includes 8-position rotary cell changer

Includes single cell reference position for 10mm cells

~ 190nm - 1100nm; -3.5A to +3.5A

2. 085-767100: Power Cord Indian and RSA 250v - 01



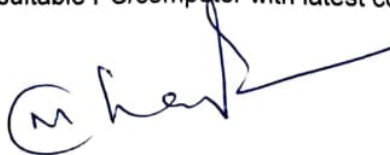
Specification for Microscope

Compound Microscope with integrated digital camera:

- Ergonomically designed stand preferably with international standard certification.
- Rugged and sturdy stand.
- It should have low positioned co-axial coarse and fine focus knobs Integrated Carrying Handle at the back.
- Microscope should have High power Transmitted-light illumination LED 3W white-light, 5600K illumination for high demanding illumination needs.
- The microscope should have the user-friendly provision to convert into a 6V/30W halogen illumination for Specific application
- Special skin-friendly material coated on all operating elements.
- 25 deg. Trinocular tube. Interpapillary adjustment from 48 to 75 mm or better
- Siedentopf designed a Binocular tube with swiveling
- for comfortable two-position height observations.
- Wide field 10 x/ 22mm FOV mm or more with a focusable front lens with provision to insert graticules including rubber eyecups.
- Microscope should have 5x revolving nosepiece with precision click stops to accommodate 5 objectives.
- Microscope Should have automatic Light Manager to control light intensity Between Objectives
- Microscope Should Eco Mode (automatically goes to standby after being idle for 30 minutes)
- 5-element display on either side of the stand and long-life blue LEDs. This intensity display is well readable from several meters distance.

Objectives:

- Plan 4x /0.12NA,
- Plan 10x /0.25NA,
- Plan 40x /0.65NA
- Plan 100x Oil /1.25NA
- Should have Condenser to show Bright field applications have 0.9 to 1.25NA, Should be upgradable to dark field and PH contrast & fluorescence.
- All the objectives should be Anti-fungal treated.
- Stage: Dual layered mechanical stage with the hardcore anodized. Dimensions of the stage should be 140 x 135 mm or better. Stage travel range XY should be 75 x 50 mm or better.
- Friction adjustment mechanism.
- Should be supplied with integrated 8MP, Ultra HD 4K (3840x 2160) resolution camera.
- Exposure time .06mS to 1S.
- Pixel size: 1.85 μ m x 1.85 μ m
- Frame Rate should be 30fps or better
- Should have HDMI, USB3, and Ethernet Interface
- It should have passive cooling system.
- Camera should have Active denoising, active sharpening and HDR Image enhancement Functions
- Camera should have settings such as white balance, exposure time, and image enhancement functions are done automatically. Without needing additional imaging software or a computer
- The camera and software should be connected through wifi setup and entire software operation should be controlled on wifi based devices such iPad, Laptops or Android mobile phones. The software should allow to monitor multiple microscopes connected to network and can be easily toggled from one microscope to another.
- The microscope body should have built-in snap button to capture images and directly saved into USB drives.
- Microscope and software should be from the same manufacturer.
- Warranty should be five years.
- Should be supplied with suitable PC/computer with latest configuration





Part 'B'

Financial Bid

**To be submitted in a separate envelope
Superscripting 'Financial Bid'**

Item-----



TENDER FOR THE SUPPLY OF.....

“PLEASE CAREFULLY GO THROUGH THIS DOCUMENT AND ENSURE COMPLIANCE. THE NON-COMPLIANCE OF ANY ONE CONDITION MAY MAKE YOUR OFFER INVALID”

Part(B):Financial Bid

For this refer to Bill of Quantity (BOQ)

Tenderer's reference No. _____

Dated: _____

1. Items/Materials for which rate contract desired/applied for

2. Name of the applicant firm

3. Address

4. Telephone No.

Mobile _____

Fax No. _____

e-mail _____

5. Status of the applicant (Whether
manufacturer/Dealer)

Telephone No.,

6. Financial Offer on company letter head enclosed

Yes/No

7. Validity of rates (period)

31st March 2024

8. Warranty(applicable)



NOTE:

- (I) Over writing in tender will not be accepted. Cutting if any should be properly signed by the tenderer.
- (ii) Council will not make any part payment if full supplies are not made in accordance with the Purchase Order/Letter of Intent.
- (iii) The tenderer should enclose required certificates in the same order as mentioned above & serialize them accordingly.
- (iv) Before sending/submitting the application/tender, the applicant should read carefully the attached terms & conditions and instructions sheet.

Signature of the Tendered
(Applicant) Name & Seal of the Firm