

REGIONAL CENTRE FOR BIOTECHNOLOGY

at NCR Biotech Science Cluster, 3rd Milestone Faridabad- Gurgaon Expressway,
District - Faridabad (Haryana)- 121001.
Tele Nos 0129-2848800, 0129-2848813 & 0129-2848815

(SCHEDULE-‘A’)

S.NO. OF TENDER : _____

FILE NO. : RCB/ATN/03/17-18

Name of the party in whose
Favour the Tender form has
been issued : _____

The Executive Director,
Regional Centre for Biotechnology,
at NCR Biotech Science Cluster, Faridabad, 3rd Milestone Faridabad-Gurgaon
Expressway, District- Faridabad,(Haryana)- 121001 (Tele No 0129-2848800, 0129-
2848813 & 0129-2848815)

(SEAL OF THE OFFICER)

Dear Sir,

1. I/We hereby submit our tender for the _____
2. I/WE now enclosing herewith the Bank Guarantee/D.D. No..... dated.....
for Rs.8,00,000/- in favour of the “EXECUTIVE DIRECTOR, RCB” towards EMD/Bid
Security. (TENDERS NOT ACCOMPANIED WITH EMD/BID SECURITY ALONGWITH
THE TECHNO-COMMERCIAL BID SHALL BE SUMMARILY REJECTED).
3. I/We have gone through all terms and conditions of the tender documents before submitting the
same.
4. I/We hereby agree to all the terms and conditions, stipulated by the RCB, in this connection
including delivery, warranty, penalty etc. Quotations for each group are being submitted under
separate covers, and sheets and shall be considered on their face value.
5. I/We have noted that overwritten entries shall be deleted unless duly cut & re-written and initialed.
6. Tenders are duly signed (No thumb impression should be affixed).
7. I/We undertake to sign the contract/agreement, if required, within 15 (Fifteen days) from the date of
issue of the letter of acceptance, failing which our/my security money deposited may be forfeited
and our/my name may be removed from the list of suppliers at the RCB.

NOTE: ALL TERMS & CONDITIONS SUCH AS TAXES ETC, HAS BEEN INDICATED IN THE
QUOTATIONS FAILING WHICH IT WILL BE PRESUMED THAT THE RATES ARE INCLUSIVE OF ALL TAXES
AND OTHER TERMS AND CONDITIONS ARE ALSO AS PER YOUR REQUIREMENTS.

Yours faithfully,

Signature of
Tenderer(s) full Address.

WITNESS _____

REGIONAL CENTRE FOR BIOTECHNOLOGY
at NCR Biotech Science Cluster, 3rd Milestone Faridabad- Gurgaon Expressway, District -
Faridabad (Haryana)- 121001.
Tele Nos 0129-2848800, 0129-2848813 & 0129-2848815

RCB/ATN/01-09/17-18

Dated 22.06.2017

NOTICE INVITING TENDER (NIT)

1. Sealed Tenders are invited, under **TWO-BID SYSTEM**, from reputed manufacturers / suppliers for the supply and installation of following equipment to our **Campus**.

<u>Tender Ref.</u>	<u>Item/Equipment</u>	<u>Qty</u> <u>(Approx</u> <u>)</u>	<u>Tender</u> <u>Fee</u> <u>(in INR)</u>	<u>Bid</u> <u>Security/</u> <u>EMD</u> <u>(In INR)</u>
	<u>Molecular Interaction Facility</u>			
RCB/ATN/01/17-18/ATPC	Multi Angle Static Light Scattering Detector	01	2000/-	1,70,000.00
RCB/ATN/02/17-18/ATPC	FPLC system	01	2000/-	70,000.00
	<u>Optical Microscopy Facility</u>			
RCB/ATN/03/17-18/ATPC	Super Resolution Microscope Imaging Platform	01	2000/-	8,00,000.00
RCB/ATN/04/17-18/ATPC	Confocal Based High Content Imaging facility (with all accessories)	01	2000/-	6,40,000.00
	<u>Mass Spectrometry Platform</u>			
RCB/ATN/05/17-18/ATPC	ESI MS/MS	01	2000/-	6,40,000.00
	<u>Genetics & Genomic Facility</u>			
RCB/ATN/06/17-18/ATPC	DNA sequencer and accessories	01	2000/-	2,20,000.00
	<u>Liquid Nitrogen dispensing facility</u>			
RCB/ATN/07/17-18	Installation of Liquid Nitrogen storage tank 6 KL (on rental basis) and supply of liquid Nitrogen on rate contract basis	01	1500/-	24,000.00
RCB/ATN/08/17-18	Automated Upright Research Microscope for Brightfield, Phase contrast & Fluorescence	01	2000/-	80,000.00
	<u>Electron Microscopy Platform</u>			
RCB/ATN/09/17-18/ATPC	200 KV CRYO-TEM with detector and other important accessories	01	2000/-	26,00,000.00

2. Copy of Tender documents and other details may be downloaded from the RCB Websites- www.rcb.res.in and www.rcb.ac.in and in CPP Portal (www.eprocure.gov.in). **Sealed Bids (Two-Cover System) will be received upto 14:00 hrs on or before 28.07.2017 and opening of Tenders will be on the same day (28.07.2017) at 15:00 hrs.**

3. Pre-bid meeting with prospective bidders will be held on 10.07.2017 at 11 AM.

Sd/-
(SR. MANAGER)
For & on behalf of
EXECUTIVE DIRECTOR

CHECK LIST FOR TERMS AND CONDITIONS

Check list for Terms and Conditions (To be filled by the bidder and submitted alongwith the technical bid)

1. Certificate for being in business for more than 2 years _____
2. Certificate for sole ownership/partnership _____
3. Statement of financial standing from bankers _____
4. Performance report/List of organization supplied with the same equipment _____

5. Whether rates quoted included all taxes/Rate is a CIF _____
6. Whether rates are quoted as per tenders specifications _____
7. Authority letter from manufacturer/principal enclosed _____
8. Affidavit that the firm has not been black listed in the past by any Organization _____
9. Affidavit that the firm has no vigilance case/CBI/FEMA case pending against him/supplier(principal)

10. Affidavit that the firm is not supplying the same item at the lower rate than the rate quoted in the tender to any Govt. organization or any other Institute (Fall clause) _____
11. Quotation being submitted directly by the manufacturer or authorized distributor

12. Statement of turnover/annual report for each of the last three years are attached

13. Bid Security amount deposited is enclosed _____
14. Literature of original catalogue of the product is attached for reference _____
15. Details of Name of beneficiary, Account No. of the beneficiary, IFCS code of the bank/branch enclosed at Page No. _____
16. Comprehensive Guarantee/Warranty period for _____ and thereafter-
Comprehensive AMC (including all spares & labour) YES/NO. (Tick the option YES/NO) for further years.
17. Compliance Statement with relation to specification _____.

**(NAME OF THE BIDDER)
WITH SIGNATURE & SEAL**

REGIONAL CENTRE FOR BIOTECHNOLOGY**F. No. RCB/ATN/03/17-18****Technical specifications for: Super-Resolution (Structured Illumination and Localization based) Microscope Imaging platform**

A OEM/ authorised supplier of OEM with established service/installation report should supply a Super-Resolution Microscope (Structured Illumination and Localization Based) with a simultaneous live cell imaging platform for two or more fluorophores. The models thereof should be equipped with the following features:

The following should be the minimum required features of the system.

A) Inverted microscope (Fully Motorized)

- a. System should have Bright field, Fluorescence and DIC Imaging capability.
- b. Fully motorized beam path selection for widefield, 3D- structured illumination (SIM) or equivalent and TIRF illumination on a single platform through the same software. Single platform should be capable of performing both 3D-SIM/ equivalent and localization microscopy.

Fully motorized TIRF; TIRF angle adjustment and switching to widefield and SIM/ /equivalent mode should be possible through the same software to enable switching between modes during time-lapse recording. Motorized TIRF objective for adjustable TIRF angle is required for correcting chromatic aberration as well as imaging into the cell cortex.

- c. System should have motorized Piezo Z-axis focus drive optimal for super-resolution imaging in 3D.
- d. System should have a minimum 6 position or higher motorized FL filter wheel, with a corresponding minimum 6 position motorized DIC nosepiece.
- e. Motorised XY scanning stage for the movement of specimen using ergo joy-stick as well as total control by the software.
- g. System should be supplied with high resolution plan Apochromat objectives 20x, 40x dry, 40 X oil, 60x / 63x Oil (N.A 1.4 or better). A 100x oil SR objective (N.A 1.46 or higher) optimized for the high-power lasers of the system must be quoted as optimized for localization based super-resolution. 10x dry, 40X (water immersion) and 60/63 X (water immersion) objectives should be quoted as optional items if available.
- h. System should have a minimum of 120w/130w metal halide lamp with approx. 1800-2000 hours of lamp life OR LED (Full Visible range) for fluorescence observation with automatic shutter having DC (direct current) to provide constant and non-fluctuating light.
- i. The microscope should be capable of conducting long time live cell imaging applications in the time range of minutes to days with image acquisition occurring at intervals of msec to secs. The microscope should be equipped with hardware to correct for focus drift through a hardware LED or laser (wavelength more than 750 nm) based continuous focus correction system. The system should be able to store large datasets obtained from long-term live cell imaging.
- j. System should be equipped with caged incubator with independent inlets for CO₂, O₂ and humidity control for live cell imaging, which can hold petriplates & multiwell plates of standard size and dimension (universal stage holder). The incubator should also support onstage hypoxia experiments. The incubator enclosure should have the following: dark or transparent panels, temperature range from ambient 25 deg C to 45 deg C. The temperature accuracy on the sample should be +/- 0.3 deg C or better. The air-filtering unit for inlet air, sliding doors for easy handling and illumination inside the enclosure with suitable light should be provided. The humidity module should not cause any vibrations that can affect imaging. Bidders quoting transparent panels should provide dark curtains to provide working conditions similar to a dark room.
- k. DIC attachment motorized for 10x to 100x objectives with analyzer and polarizer attachment, sliders and modules for the respective objectives should be provided.
- l. The system should be capable of imaging cellular processes close to the membrane within a depth of 150 nm or less using the TIRF illumination technique.

The following should be the required features:

B) Super Resolution module by Localisation based method: It should be a localization based Super resolution that should be able to achieve a lateral (XY) resolution between 10 – 50 nm based on the wavelength. A localization precision of ~20 nm should be achieved.

- a. Resolution (in XY) achievable should be within a range of 10-50 nm.

- b. Resolution (in Z) achievable should be within 100 nm or better.
- c. Modes = 2D and 3D modes for both fixed and live cell imaging should be possible.
- d. MultiColour = Two or more colour imaging should be possible in the 2D mode and in the 3D mode.
- e. The system should have capability of live cell imaging with different format using 128 x 128/ 256 x 256 and 512 x 512 or higher formats.
- f. Apart from the hardware control for minimizing drift, bead based and other general automated methods of drift correction must also exist for SR.

C) Live Cell Imaging in Sub-diffraction regime based on “Structured Illumination Microscopy” (SR-SIM):

The system should also be capable of Live Cell Imaging in the sub-diffraction regime by “Structured Illumination Microscopy” based technique, which should have the following capabilities:

- a. Capable to Resolve X-Y approx. 100-130nm or better.
- b. Capable to resolve Z approx. 300-360 nm or better.
- c. SR-SIM in the system should be capable of image acquisition in all of the following modes: 2D SIM, 3D SIM, 2D-TIRF SIM and two-colour or multi-colour 2D TIRF SIM.
- d. System should be capable to perform simultaneous multicolor SR imaging through a minimum of two high speed, high-resolution sCMOS cameras (4 MP or better) or a combination of sCMOS (4MP) and EMCCD cameras (at least one camera should be sCMOS). If more sCMOS cameras can be installed in the system, they should be quoted as optional items for up to 4 color simultaneous imaging.
- e. System should be capable of performing long term live cell imaging experiments as described above in A (j).
- f. Temporal Resolution of the system in 2D SIM or 3D SIM mode should be at least 0.07 sec/ frame* or faster AT 512 x 512 pixels for one colour. The final effective temporal resolution for two colour image in 2D SIM or 3D SIM mode should be 0.03 sec/ frame * or faster at 512 x 512 pixels (*frame here means single raw image acquired by the camera). The system should be able to achieve the above speeds with simultaneous imaging in at least 2 colour SIM with cameras of a minimum peak QE > 80%. This is necessary for enabling imaging of rapid and dynamic processes of multiple fluorophores within living cells.

Optional: In case of 4-colour imaging, the final effective temporal resolution of 0.05 sec/ frame should be achieved. This is necessary for enabling imaging of rapid and dynamic processes within live cells as well as involving molecular interactions and events at the cell surface. The system should also be capable of imaging processes close to the membrane (within 120 nm) such as cytoskeletal dynamics, endocytic and exocytic processes, focal adhesions, tubular membrane extensions and signaling.

D) Laser unit

The system should be equipped with long life, high power solid state lasers whose output is routed to a single mode fiber. The user should be able to select any combination of laser lines using the software and attenuate their intensity using AOTF/ electronic control. At least these 4 laser lines should be provided: ~405 nm, ~488 nm, ~560 nm, and ~630/640 nm. The following two lasers should be provided as optional items: Solid state / Diode ~ 445/458 nm, solid state/ diode ~ 514 nm. The minimum power requirements for the lasers are 405 nm - 50 mW, 488nm - 100 mW, 560 nm - 100 mW, and 630/640 nm - 100 mW.

E) Detection system for Epifluorescence, Super-Resolution Microscope (Should be usable for Super Resolution technique, Localisation OR SIM based)

For Epifluorescence and Super-Resolution based on Localization & SIM: Camera with a Scientific CMOS sensor having effective no. of pixel 2k x 2k with Pixel Size of 6.5 microns x 6.5 microns (Hamamatsu Orca Flash 4 or equivalent). The camera should have an innate capability of achieving a maximum speed of 100 fps at 512 x 512 full frame. Q.E should be 80% or better. The camera should be supplied with a camera link cable to enable optimal performance. The camera should be completely operational from and integrate smoothly with the main acquisition software of the microscope system.

F) Online Computer Workstation (To be supplied from principal company)

- a. Intel Xeon Processor 2.4GHz. or better with at least 4 MB SLC, 1066 MHz FSB, RAM at least 64 GB DDR2-667 (upgradable to 192 GB or more). The system should be a 64 bit system.
- b. Hard Disc: 1 TB SATA II, 1 TB Back-up HDD, DVD super multi SATA R/RW/DL.
- c. Graphics: Branded 4 GB RAM or better graphics card.

d. 6 USB, Fire wire 1394, Gigabit Ethernet, Windows 10/ Windows 7 Professional.

e. ~32" LCD TFT wide aspect true color monitor for connection to workstation to enable minimum 4K pixel resolution.

f. The system should come with a data storage unit capable to store 20 TB or more data.

G. A suitable branded online UPS to support the complete system (not less than 10 KVA) for at least 30 minutes backup should be provided.

H) Offline Computer Workstations – three (To be supplied from principal company). Three complete offline workstations identical in configuration to the online system described above should be provided for robust offline analysis of the acquired data, except that the system RAM should be at least 32 GB and the 20 TB data storage unit need not be quoted. Each offline workstation should have a licensed version of the online acquisition software for enabling complete image analysis as described in the “controlling and analysis software” section.

Each offline workstations must be provided with a complete, latest and licensed compatible version of the Microsoft Office package.

Each offline workstation should be provided with a suitable online UPS system to provide a minimum power backup of 30 minutes.

I) Controlling and Analysis Software

The software quoted should meet the following parameters

a. Basic image acquisition, complete microscope and system control. Same software should be capable to control Super-Resolution microscope and widefield system.

b. Saving of all instrument parameters along with the image for repeatable/reproducible imaging.

c. Frame/line/lambda capturing, Z-Stack, Time series imaging capabilities.

d. Multipoint Time Lapse Imaging.

f. Co-localization analysis and volume rendering

g. Real time ratio-display.

h. 2D and 3D image deconvolution (complete licensed versions of the software)

i. Diverse measurement and statistical processing.

j. Each offline workstation should be provided with a complete advanced licensed offline software with all features of the online acquisition system.

k. Complete software updates should be provided for the next 5 years after installation.

J) Anti-Vibration Base:

An imported Active Anti-Vibration table with air-pump should be quoted and provided by the manufacturer/ supplier along with the system.

K) Delivery and Installation:

At the NCR-BSC campus, Faridabad Haryana, India by the supplier. Price quoted must be until the delivery site (NCR-BSC campus).

L) Warranty: System should have warranty for 5 years on the “full system”. The provider will be liable to provide free service and parts whenever required during this warranty period.

Note - a) Bidder should provide manpower (who has already been trained on the quoted system) for a period of 3 years from installation for smooth functioning of the system. The provider should conduct periodic scientific meetings, hands-on sessions and demonstrations to train users in consultation with the host institution. Such service should be provided at least 2 times in a year or more for the first 3 years.

b) Bidders must mention clearly the room conditions and site requirements required to install the quoted set-up along with the technical bid.

c) Quotation should mention the part numbers of the components included in the quoted microscope. For third party items, the original part number of the third party supplier should also be included. The parts and specification there-of mentioned should be highlighted clearly in an attached brochure. The information for the system / parts should also be easily available at the manufacturer’s web-page online.

M) The bidders must provide a list of previous installations in India with dates of installation. If no installations exist in India yet, a global list may be provided. The bidders must also provide customer testimonials from at least three institutions demonstrating satisfactory performance.

ANNEXURE - II

REGIONAL CENTRE FOR BIOTECHNOLOGY

(SCHEDULE-'B')

Tender Ref. No. : RCB/ATN/03/17-18
Subject : Purchase of Resolution (Structured Illumination and Localization based) Microscope Imaging platform (Qty- 01 No. approx)
Date of Submission : On or before 28.07.2017 upto 14.00 hours.
Date of Opening : 28.07.2017 at 15.00 hours

1. Tender should be addressed to the Executive Director, Regional Centre for Biotechnology, Faridabad and submitted to the Office of the Regional Centre for Biotechnology under sealed cover failing which the tender shall be rejected. Terms and conditions for supply should invariably be indicated otherwise would be taken on its face value. The rates may be quoted on separate sheets failing which the tender(s) will be rejected.
2. Mixed quotations will not be considered for acceptance.
3. **IN CASE OF THE TENDER DOUMENTS DOWNLOADED FROM THE WEBSITE :-**
THE BIDDERS MAY DOWNLOAD THE TENDER DOCUMENTS DIRECTLY FROM THE WEBSITE AVAILABLE AT www.rcb.res.in. IN SUCH CASE, THE BIDDERS ARE REQUIRED TO SUBMIT THE REQUISITE TENDER COST FEE AS INDICATED IN THE NIT (NON-REFUNDABLE) BY WAY OF SEPARATE DEMAND DRAFT DRAWN IN FAVOUR OF EXECUTIVE DIRECTOR, RCB, AND THE SAME SHOULD ESSENTIALLY BE ENCLOSED ALONGWITH THE TECHNO COMMERCIAL BID. THE BIDDERS SHOULD SPECIFICALLY SUPERSCRIBE, "DOWNLOADED FROM THE WEBSITE" ON THE TOP LEFT CORNER OF THE OUTER ENVELOPE CONTAINING TECHNO COMMERCIAL BID & PRICE BID SEPARATELY. IN NO CASE, THE TENDER COST FEE SHOULD BE MIXED WITH EMD AMOUNT. THE TENDERS NOT FOLLOWING THE ABOVE PROCEDURE WILL BE SUMMARILLY REJECTED.
4. TENDER SHOULD BE SUBMITTED IN TWO BID SYSTEM CONTAINING TWO PARTS AS DETAILED BELOW:
PART-I :- TECHNO-COMMERCIAL BID IN ONE SEALED COVER WITH E.M.D.
PART-II:- PRICE BID/FINANCIAL BID IN ONE SEALED COVER.

BOTH THE SEALED ENVELOPES SHOULD THEN BE PUT IN ONE OUTERCOVER INDICATING THEREON:

- i) Reference No. of the Tender _____
- ii) Tender regarding _____
- iii) Due date for submission of the tender : _____
- iv) Due date for opening of the tender _____
- v) Name of the firm _____

PLEASE NOTE THAT PRICES SHOULD NOT BE INDICATED IN THE TECHNO-COMMERCIAL BID. THE PRE-QUALIFICATION DOCUMENTS INCLUDING E.M.D./BID SECURITY AS REQUIRED IN THE TENDER DOCUMENT SHOULD INVARIABLY BE ACCOMPANIED WITH THE TECHNO-COMMERCIAL BID.

NOTE:-

- 1) **TENDERS ARE TO DEPOSITED IN THE TENDER BOX KEPT AT THE RECEPTION OF RCB OFFICE, AFTER ENTERING THE DETAILS OF TENDER IN THE APPROPRIATE PAGE OF THE TENDER DEPOSIT REGISTER AVAILABLE WITH THE RECEPTIONIST. THOSE TENDERS WHICH ARE DIRECTLY PUT IN THE TENDER BOX WITHOUT DIARIZING IN THE TENDER DEPOSIT REGISTER ARE LIABLE TO BE REJECTED**
- 2) **TENDERS SUBMITTED WITHOUT FOLLOWING TWO BID SYSTEM PROCEDURE AS MENTIONED ABOVE WILL BE SUMMARILY REJECTED.**
5. The tenderers should give rates, showing taxes, if any, and levies, packing forwarding and insurance charges separately giving full breakup details. THE INSTITUTE IS NOT AUTHORIZED TO ISSUE 'C/D FORMS'. PLEASE EXCLUDE CUSTOM DUTY/EXCISE DUTY COMPONENT IN RUPEE QUOTE AS THE INSTITUTE IS EXEMPTED FROM THE PAYMENT OF BASIC CUSTOMS DUTY/EXCISE DUTY. However, Excise Duty, if any, should be shown separately. Tender not confirming to this requirement shall be rejected and no correspondence will be entertained whatsoever.
6. IN CASE OF IMPORT THE TENDERERS ARE REQUIRED TO QUOTE FOB & CIF VALUE SEPARATELY DULY MENTIONING THE BREAK-UP DETAILS FOR FREIGHT & INSURANCE. THIS CONDITION SHOULD BE STRICTLY ADHERED TO, FAILING WHICH THEIR OFFER WILL BE SUMMARILY REJECTED.
The comparison between the indigenous and the foreign offers shall be made on FOR destination basis and CIF/CIP basis respectively. However, the CIF/CIP prices quoted by any foreign bidder shall be loaded further as under:
 - a) Towards customs duty and other statutory levies –as per applicable rates with CDEC.
 - b) Towards custom clearance, inland transportation etc. - 2% of the CIF/CIP value.
7. **THE TENDERERS ARE REQUESTED TO SUBMIT THE FOLLOWING INFORMATION INVARIABLY TO MAKE PAYMENT THROUGH RTGS/NEFT. "The payment in pursuance of stores supplied/services rendered/work done will be made through RTGS/NEFT & charges incurred for affecting such electronic transfers will be borne by the vendors. The details of present charges for NEFT/RTGS are as under:**
NEFT: Up to Rs.1 lakh – Rs.5/- per transaction
Rs. 1 lakh and above – Rs.25/- per transaction
RTGS: Upto Rs.5 lakh – Rs.25/- per transaction
Rs.5 lakh and above --Rs.50/- per transaction
To make payment through above said mode, the vendor/supplier/contracts have to submit the following information invariably:
 - i. Name of the Beneficiary
 - ii. Account No. of the beneficiary
 - iii. IFSC Code of the Bank/Branch.
8. **THIS TENDER DOCUMENT IS NON-TRANSFERABLE.**
9. The bid document should be paged and a certificate may be provided on the covering letter indicating the number of pages submitted alongwith the bid.
10. The compliance report of specification should invariably be provided indicating the fulfillment of each parameter of the specifications failing which the offer will be rejected.
11. The checklist may be furnished properly and page No. may be mentioned against each Serial Number.
12. The Tender forms be clearly filled in ink legibly or type written giving full address of the tenderers. The tenderers should quote in figures as well as in words the rates amount tendered by him/them. Any discrepancy

between the figures and words, the amount written in words will prevail. Alterations/over-writings, unless legibly attested by the tenderer, shall disqualify the tenders. The tenders should be signed by the tenderer himself/themselves or his/their authorized agent on his/their behalf (Authorization may be enclosed, if applicable).

13. THE FORWARDING LETTER/UNDERTAKING (SCHEDULE 'A') DULY SIGNED SHOULD INVARIABLY BE ATTACHED ALONGWITH TECHNO-COMMERCIAL BID, FAILING WHICH THE TENDER SHALL BE REJECTED.
14. The tenderers should take care that the rates and amounts are written in such a way that interpolation is not possible, no blanks should be left which would otherwise, make the tender redundant.
15. The tender rates should be kept open/valid for a period of one year from the date the tenders are opened.
16. The tenderers shall clarify/state whether he/they are manufacturer, accredited agent or sole representative indicating principals name & address. The offers of firms who are not manufacturer or direct authorized agent will be summarily rejected. **Sub-distributors will not be accepted.**
17. Delivery prospects with definite date of delivery at destination taking into cognizance transit facilities must be indicated.
18. EACH TENDER SHOULD BE ACCOMPANIED WITH AN EMD/BID SECURITY AMOUNTING TO **Rs. (as indicated in the NIT)**- BY WAY OF DEMAND DRAFT/ BANK GUARANTEE DRAWN IN FAVOUR OF "EXECUTIVE DIRECTOR, RCB", (PREFERABLY BANK GUARANTEE) FAILING WHICH THE TENDER SHALL NOT BE CONSIDERED FOR ACCEPTANCE AND WILL BE OUTRIGHTLY REJECTED. IN CASE OF BANK GUARANTEE, IT SHALL BE VALID FOR ONE YEAR FROM THE DATE OF OPENING AND THE SAME SHOULD BE FROM ANY INDIAN NATIONALIZED BANK. **CASH/CHEQUE IS NOT ACCEPTABLE AT ALL.** THE EMD/BID SECURITY DEPOSITED AGAINST OTHER TENDERS CANNOT BE ADJUSTED OR CONSIDERED FOR THIS TENDER. NO INTEREST IS PAYABLE ON EMD/BID SECURITY. **TENDERS NOT ACCOMPANIED WITH EMD/BID SECURITY ALONGWITH THE TECHNO-COMMERCIAL BID SHALL BE SUMMARILY REJECTED.**
19. **Liquidated Damages Clause :-**
 - (a) The delivery date as stipulated shall be strictly adhered to failing which the Institute reserves the right to refuse the supplies. The extension of the date of delivery, if required should be obtained before the expected delivery date. The Institute also reserves the right to impose liquidated damages as enumerated below or to effect risk purchase on the firm's cost and risk.
 - (i) Supply delay for one week or a part thereof - @ 0.5%
 - (ii) Supply delay for an additional week or a part thereof - @ 0.5% (subject to a ceiling of 10% of the order value.
 - (b) In case of non-supply of items within a period of two months in excess of the stipulated delivery period, the order shall be cancelled and the following penalty shall be levied at the discretion of the Executive Director, RCB, or his authorized representative:
 - (i) Supply order of the value of Rs.100/- or below : No. Liq. Damages.
 - (ii) Supply orders which remain unexecuted and total value of non-supplied items is above Rs.10000/-: @ 10% and/or administrative action, as deemed fit shall be taken against the defaulter.
20. **SOFT WARE AND HARDWARE UPGRADATION**
The selected firm for the supply of tendered item will have to provide free up-gradation of software (all update & upgrades) upto 5 years from the date of satisfactory installation.
21. Rates quoted should be valid for ONE YEAR from the date of opening of tender.
22. THE TENDERERS MAY BE REQUIRED TO DEMONSTRATE THE QUOTED MODEL OF THE EQUIPMENT DURING THE TECHNICAL EVALUATION, IF REQUIRED, FAILING WHICH THEIR BIDS/OFFER SHALL BE REJECTED. The firms are intimated that they should get ready for demonstration and only one-week time will be provided for arrangement of demonstration and no request for extending time for demonstration will be entertained. Failure to demonstrate, their offer will be summarily rejected.
23. Any other statutory levy imposed by the Govt. of India from time to time will be authorized on demand with adequate proof thereof will be paid extra.
24. Force majeure will be accepted on adequate proof thereof.

25. The Executive Director, RCB, shall be the final authority to reject full or any part of the supply which is not confirming to the specification and other terms and conditions.
26. No payment shall be made for rejected Stores. Rejected items must be removed by the tenderers within two weeks of the date of rejection at their own cost and replace immediately. In case these are not removed, these will be auctioned at the risk and responsibility of the suppliers without any further notice.
27. The Executive Director, RCB, reserves the right to cancel/reject full or any part of the tender which do not fulfill the conditions stipulated in the tender.
28. **Tenderers submitting tenders would be deemed to have considered and accepted all the terms and conditions. No enquiries, verbal or written, shall be entertained in respect of acceptance or rejection of the tender.**
29. TENDER MAY BE REJECTED IF THE COPY OF VALUE ADDED TAX (VAT) REGISTRATION IS NOT FURNISHED (IF APPLICABLE).
30. The quantity shown in the tender can be **increased or decreased** to any extent depending upon the actual requirement.
31. Any action on the part of the tenderer to influence anybody in the Centre, will be taken as an offence, he will not be allowed to participate in the tender enquiry and their offer will not be considered.
32. **Material confirming to the specifications should be quoted. Original Catalogue, Leaflets, literatures with full technical details should invariably be attached along with their offer, failing which their offer will be summarily rejected.**
33. **THE TENDERERS MUST QUOTE THEIR MODEL STRICTLY AS PER TENDER SPECIFICATIONS.**
34. Genuine equipments and instruments etc., should be supplied. Tenderers should indicate the source of supply i.e. name & address of the manufacturers from whom the items are to be imported, country of origin, country of Shipment etc.
35. The quoted equipment should preferably be of Indian/International standards.
36. The tenderers are required to quote the mode of shipment by Air/Sea/ Airport Parcel and should give separate breakup of freight and Insurance Charges.
37. Supply of equipment means-Supply, Installation and Commissioning at site. No separate charges will be paid separately on this account.
38. **UP TIME GUARANTEE:**
The firm should provide uptime guarantee of 95%.
39. **Downtime penalty Clause**
During the Guarantee/warranty period, desired uptime of 95% of 365 days (24 hrs) if downtime more than 5% the institute shall be entitled to impose penalty in the form of extended warranty period equal to twice the downtime period. The vendor must undertake to supply all spares for optimal upkeep of the equipment for at least FIVE YEARS after handing over the unit to the Centre. If accessories/other attachment of the system are procured from the third party, then the vendor must produce cost of accessory/other attachment and the CAMC from the third party separately along with the main offer and the third party will have to sign the CAMC with the Institute if required.
40. The principals or their agents are required to submit a certificate that they have satisfactory service arrangements and fully trained staff available to support the uptime guarantee.
41. **GUARANTEE/WARRANTY PERIOD: THE TENDERERS MUST QUOTE FOR FIVE YEARS COMPREHENSIVE WARRANTY (INCLUDING ALL SPARES, ACCESSORIES AND LABOR) FROM THE DATE OF COMPLETION OF THE SATISFACTORY INSTALLATION. THE WARRANTY CHARGES SHALL NOT BE QUOTED SEPARATELY OTHERWISE THE OFFER SHALL BE SUMMARILY REJECTED. ALSO THE BIDDERS ARE REQUESTED TO SUBMIT THEIR QUOTE (RATES) FOR SUBSEQUENT FIVE YEARS COMPREHENSIVE AMC (INCLUDING ALL SPARES, ACCESSORIES AND LABOR). FAILURE TO COMPLY THIS CONDITION WILL ENTAIL THE REJECTION OF THE BIDS. THE PRICE COMPARISON SHALL BE MADE TAKING INTO ACCOUNT ON BASIC PRICE AND POST WARRANTY CMC. AMC SHOULD ALSO BE QUOTED AFTER THE WARRANTY PERIOD FOR NEXT FIVE YEARS.**
42. **Delivery:**The successful bidders should strictly adhere to the following delivery schedule supply, installation & Commissioning should be effected within 6 to 8 weeks from the date of supply order and this clause should be strictly adhere to failing which administrative action as deemed fit under rules will be taken against the defaulter.

43 **SPARE PARTS:** The separate price list of all spares and accessories and consumables, if any, (Including minor) required for maintenance and repairs in future after guarantee/warranty period must be attached/enclosed along with the sealed quotation failing which quotation will not be considered.

If any spares & accessories other than the price list attached/enclosed by the firm are required for future repair it will be borne by the firm only.

44 The tenderers are required to furnish the list of spares along with their cost in the Financial bid failing which their bids are liable to be rejected.

45 The tenderer shall furnish a non-blacklisting certificate that the firm has not been blacklisted in the past by any government/Private institution. The tenderer/supplier has to give an affidavit on non-judicial stamp paper of Rs.10/- that there is no vigilance/CBI case pending against the firm/supplier and the firm has not been blacklisted in the past by any Govt. or Private Organization.

46 Payment of Agency Commission, if any, payable in rupees must be indicated. If no Agency Commission is admissible from the foreign suppliers must be indicated specifically.

47 Tenderers should clearly indicate the name of the Manufacturers/Beneficiary of the Letter of Credit, country of Origin, place of shipment/Airfreightment, etc.

48 Local agents quoting on behalf of their foreign suppliers must attach valid authority letter in their favour. In case of distributor, the firm should be direct distributor from the principal's. **Either the Foreign Principals/manufacturers or their authorized Indian Agent should participate in the tender but not both. Also one agent cannot represent two suppliers or quote on their behalf in the same tender. The sub-distributor authority by distributor will not be accepted at all. In case the firm is neither manufacturer nor direct authorized dealer of the manufacturer, such offers will be summarily rejected.**

49 SUCCESSFUL TENDERERS WILL HAVE TO FURNISH PERFORMANCE BANK GUARANTEE FOR 10% CONTRACT VALUE FROM ANY INDIAN NATIONALIZED BANK VALID FOR THE WARRANTY PERIOD AND TWO MONTHS EXTRA alongwith the final proforma Invoice.

50 The rates quoted for the Stores/Equipments, under the reference, by the supplier shall in no event exceed the lowest price at which the suppliers of the Stores/Equipments of identical description are made to any other person/organization/Institution during the period and should attach an undertaking.

FALL CLAUSE

51 If, at any time, during the said period, the supplier reduce the said prices of such Stores/Equipment or sales such stores to any other person/organization/Institution at a price lower than the chargeable, he shall forthwith notify such reduction or sale to the Executive Director, Regional Centre for Biotechnology and the price payable for the Stores supplied after the date of coming into force of such reduction or sale shall stand correspondingly reduced.

52 Successful tenderers, should give pre-alert intimation prior to shipment notifying both the nominated clearing agents as well as the Institute.

53 The supplier shall furnish the following certificate to the Accounts Officer (Stores Accounts) alongwith each bill for payment for supplies made against in Rate Contract Tender.

“I/We certify that the Stores of description identical to the Stores supplied to the government under the contract against Tender herein have not been offered/sold by me/us to any other person/organization/Institution upto date of bill/the date of completion of supplies against all supply orders placed during the currency of the tender/rate contract at the price lower than the institute under contract /against tender”.

54 The supplier shall furnish a list of organizations where the equipment, in question, has/have been supplied with the period during the last one year and performance certificate from such organization may also be provided.

55 A) PAYMENT TERMS (IN CASE OF IMPORTS)

- 1) Agency Commission, if any, will be paid to Indian agents in Indian Rupees, after satisfactory installation of equipment.
- 2) Letter of Credit will be opened on CIF value, as the case may be, for full amount after deducting the Agency commission/Technical Service Charges, if any.
- 3) **100% payment shall be released against presentation of shipping documents against a performance Bank Guarantee valid for a period of 63 months from the date of satisfactory Installation certificate issued by the user department for 10% value from any Indian Nationalized Bank along with final proforma Invoice.**

In absence of Performance Bank Guarantee, 90% payment will be released against presentation of shipping documents & balance 10% payment will be released after satisfactory Installation certificate issued by the user department and against submission of Performance Bank Guarantee of 10% order value valid for a period of 63 months from the dated of satisfactory Installation certificate issued by the user department.

B) PAYMENT TERMS (IN CASE OF RUPEE OFFER)

100% PAYMENT WILL BE MADE AFTER SUPPLY, installation & satisfactory demonstration of the said equipment subject to submission of Performance Bank Guarantee for 10% order value valid for a period of 63 months from the date of satisfactory Installation certificate issued by the user department, from any Indian Nationalized Bank. FAILING WHICH, 90% PAYMENT WILL BE RELEASED AFTER INSTALLATION & BALANCE 10% PAYMENT WILL BE RELEASED AFTER WARRANTY PERIOD.

56) PRE-REQUISITES, IF ANY, FOR INSTALLATION OF THIS EQUIPMENT SHOULD BE CLEARLY INDICIATED IN THE TECHNICAL BID, FAILING WHICH IT WILL BE PRESUMED THAT NO SUCH PRE-REQUISTES ARE REQUIRED AND IT WILL BE THE COMPLETE RESPONSIBILITY OF THE VENDOR TO MAKE THE EQUIPMENT FUNCTIONAL WITHIN THE QUOTE PRICE.