

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/38/18-19
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./F.D.R No..... dated..... for **Rs.52,000/- in favour of the "EXECUTIVE DIRECTOR, RCB" towards EMD/Bid Security.** (TENDERS NOT ACCOMPANIED WITH EMD/BID SECURITY ALONGWITH THE TECHNO-COMMERCIAL BID SHALL LIABLE TO BE 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 _____
WITNESS _____

ADVERTISED TENDER NOTICE

REGIONAL CENTRE FOR BIOTECHNOLOGY

NCR Biotech Science Cluster, 3rd Milestone Faridabad- Gurgaon Expressway, District - Faridabad (Haryana)
- 121001.

Tele Nos 0129-2848800, 0129-2848813 & 0129-2848815

RCB/ATN/27-42/18-19

Dated 03.12.2018

NOTICE INVITING TENDER

1. Sealed Tenders are invited, under **TWO-BID SYSTEM**, from reputed manufacturers / suppliers for the supply and installation of following items at RCB, NCR Biotech Science Cluster, 3rd Milestone Faridabad- Gurgaon Expressway, District - Faridabad :-

<u>Tender Ref.</u>	<u>Item/Equipment</u>	<u>QTY</u>	<u>Tender Fee (in INR)</u>	<u>Bid Security/EMD (In INR)</u>
RCB/ATN/27/18-19	Cage Change Station	02	Rs. 1,500.00	Rs.32,000.00
RCB/ATN/28/18-19	Ultrasonic Sonication Device for Chromatin Shearing and Other Applications	01	Rs. 1,500.00	Rs. 40,000.00
RCB/ATN/29/18-19	Ball Mill Tissue Homogenizer	01	Rs. 1,500.00	Rs. 16,000.00
RCB/ATN/30/18-19	IVC system for Mice	02	Rs. 2,000.00	Rs. 72,000.00
RCB/ATN/31/18-19	IVC system for Rat	02	Rs. 2,000.00	Rs. 72,000.00
RCB/ATN/32/18-19	Analytical Balance	07	Rs. 1,500.00	Rs. 10,000.00
RCB/ATN/33/18-19	Precision Balance	08	Rs. 1,500.00	Rs. 12,000.00
RCB/ATN/34/18-19	Laminar Hood	04	Rs. 1,500.00	Rs. 7,000.00
RCB/ATN/35/18-19	FPLC System	02	Rs. 2,000.00	Rs.1,20,000.00
RCB/ATN/36/18-19	GPU Workstation	02	Rs. 2,000.00	Rs. 60,000.00
RCB/ATN/37/18-19	Incubator Shaker	01	Rs. 1,500.00	Rs. 3,000.00
RCB/ATN/38/18-19	Fermentation System	01	Rs. 2,000.00	Rs. 52,000.00
RCB/ATN/39/18-19	Hybridization Oven	01	Rs. 1,500.00	Rs. 5,000.00
RCB/ATN/40/18-19	Gradient PCR	06	Rs. 1,500.00	Rs. 40,000.00
RCB/ATN/41/18-19	UV Spectrophotometer	01	Rs. 1,500.00	Rs.9,000.00
RCB/ATN/42/18-19	Chemi Luminescent Imager	01	Rs. 1,500.00	Rs.20,000.00

2. Copy of Tender documents and other details may be downloaded from the RCB Websites- www.rcb.res.in, 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 28.12.2018 and opening of Tenders will be on the same day (28.12.2018) at 15:00 hrs.**

3. Pre-bid meeting with prospective bidders will be held on 11.12.2018 at 11 AM.

Sd/-
(Registrar)
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/38/18-19**

Bids are invited for a **fermenter system** with specifications as below:

Application:

- Aerobic, microaerobic and anaerobic microbial cultivation for bacteria, yeast and fungi

General:

- Autoclavable vessel system with possibility of vessel size upgradation.
- All electrical and electronic parts should be splash protected.
- The equipment should comply with standard agencies, such as American Society of Mechanical Engineers (ASME) Pressure Vessel, Food and Drug Administration (FDA).
- Requisite comprehensive maintenance manual, equipment operational manual, calibration certificate and software operational manual of the system to be supplied.

Fermentor Vessels:

- Working volume range - 0.8 to 2.2 litres.
- Maximum volume holding capacity for vessels - Not more than 3 L.
- Vessels to be jacketed for temperature control.
- Cylindrical / Graduated with flat or curved bottom
- Lids: Non corrosive metallic with silicone gasket or c/ Clamp or magnetic closures - no screw tightening.
- Ports for addition of acid, alkali, antifoam, feed, sparger air inlet, Jacket inlet and outlet, transfer line, Septum injection ports, sampling, agitator, exhaust gas cooler etc. must be there.
- Compatible design with high pressure up to 2 bar.
- Maximum permissible reactor temperature >121 ° C (Autoclave)
- Vessel should be autoclavable empty or filled along with connected tubing and reagents. (acid/base/antifoam/feed).
- Stand(s) to carry vessel along with its reagent bottles should be supplied for autoclaving purpose

Probes:

- Compulsory Probes of international brand to be supplied with vessel: pH, DO, temperature, level Online measurement of these parameters must be possible.
- Optional Probes to be supplied for vessel: biomass measurement (OD600 of 0-150). Online measurement of these parameters must be possible.

Controller:

- A single controller with ability to control process parameters such as pH, dissolved oxygen, temperature, stirring speed, feed rate, anti-foam, etc. should be provided along with the fermenter vessel.
- The controller should have the capability to control multiple fermenters with possibility to control vessels of size ranging from 1 to 20L.
- The controller should be splash-protected or splash resistant.
- The controller should be latest generation PID-based controller with the ability for cascade control automatically without user intervention.
- Cascading of RPM, air and pure oxygen to control dissolved oxygen is must
- A touch screen interface to guide the user through operation of the controller. System must display online overview of all process parameters on the controller screen itself.
- Remote access of process parameters via internet must be possible.
- Fermenter controller must have capability to integrate other online, offline and inline data and/or signals (mA or mV) from other equipment.
- A 21 CFR compliance SCADA software for controlling the fermenter.

Agitation System:

- Rushton turbine as well as pitched-blade impellers must be provided with the vessels along with the necessary adapters, if needed. Stirrer speed must be in the range 100 - 1000 RPM (or higher) with ability to program and control the stirrer speed in a cascade mode using the provided software.

Peristaltic Pumps:

- Minimum 4 peristaltic pumps for each of 6 vessels. Of these,

- 2-fixed/variable speed pumps in-built in the system dedicated for acid and base addition, along with suitable bottles (250 ml) and caps and connectors for universal bottles.
- 1 variable speed hi-precision pump in-built for nutrient feeding connected to the Microprocessor based control system for nutrient feed operable in continuous mode with minimum flow rate of ≤ 0.01 ml/min along with suitable bottles (250 ml) and caps and connectors for universal bottles.
- 1 external stand-alone hi-precision pump (of the same make as fermentor or of Masterflex) for solution addition operable in continuous mode with minimum flow rate of ≤ 0.01 ml/min
- All pumps must be configurable using the control system provided.
- Suitable tubings for the solution addition

Space requirement

- Footprint for complete system including all vessels and controller should be less than 1500 mm x 600 mm (1 x b).

Aeration System

- Two mass flow controller to be supplied for reactor, one for air and second for oxygen.
- Provision for mixing at least two gases (air and oxygen) in precise ratio using MFCs should be there.
- MFC minimum flow rate for each ≤ 0.01 ml/min
- Rotameter for each vessel with ≤ 0.01 ml/min gradation
- Air filtration with autoclaveable membrane filter
- Sparger: Ring or L Type and should have the options to clean.

Dissolved Oxygen (DO)

- Probe
 - sterilizable fast response and low drift Dissolved Oxygen sensor with cable
 - optical oxygen sensor with integrated opto-electronics, having the full functionality of a measuring device with self-diagnostics
- Control:
 - Cascade control function with any one and any combination of the following parameters (stirrer speed, aeration rate, oxygen rate, gas mix etc.) simultaneously,
 - Capable of controlling DO in a range of 0 - 100% saturation (within 1% accuracy).

PH Control System

- Controller can be user defined controller for manipulation of critical control parameters
- Adaptive PID Control: within 0.1 pH set points, with facility for dead band, control by addition of acid and base.
- Indication: Digital display
- Probe: sterilizable pH probe with plug and cable
- Dose monitoring of Acid / Alkali for additions during the batch.

Exit Gas Analyser (to be quoted as optional):

- Offline or online measurement of CO₂ (0.01 - 10% range) and O₂ (<1% to 30%) in the exit gas

Glucose, xylose and ethanol Analyzer (to be quoted as optional)

- Offline or online measurement for glucose, xylose and ethanol
- The range of measurement should be between 0.1 g/L to 100 g/L

Sampling and Harvest System

- Aseptic and sterilizable sampling system
- Automated sampling system (to be quoted as optional)

Chiller

- Chiller (international brand) of sufficient capacity to maintain temperature of fermenters in the temperature range 15 °C below ambient at full working volume must be provided

Air Compressor:

- A low noise, oil-free compressor (international brand) with pressure gauge and moisture trap must be provided.

Vertical autoclave system

- Autoclave system sufficiently large for autoclaving fermenter system (vessels and bottles) should be provided.

Spare parts for trouble free and maintenance free operation

- Must include one spare pH sensor and DO probe along with its consumables and buffers.
- 3 dozens of air filters for inlet and outlet
- One additional set of all O rings, septums etc.
- Three additional sampling bottles

- Silicon and tygon tubings as required, with minimum supply of Masterflex Silicon and acid/base resistant tubings of 14 mm, 16 mm and 25 mm sizes.

Operation:

- The system must allow the fermenters to be run in batch, fed-batch and continuous mode with continuous monitoring and control of pH, DO, temperature and RPM.

Hardware and software for data logging and fermentation process control:

- Windows based Supervisory Control and Data Acquisition (SCADA) software for monitoring and control of various parameters with security features.
- The software must have capability for remote log in through LAN for real time data login and process control.
- Must have facilities for process validation, batch management features, multi-parameter display, time based programming of set points, regulation of process by both measured and calculated variable (by using equations), equation writing and its integration for control of fermenter parameters, ability to set both high and low limits and alarms, graphic/plotting, off-line data integration (data sheet may be compatible with MS Excel etc. and batch reports.
- It should have facilities for manual override of all values, set points and process parameters during the process and Recipe controls. The quote must include both software and hardware.
- Software to be free of license renewal, and support for minimum 5 year should be included.

Computer:

- Computer/laptop (Branded) with 32" monitor, Intel Core i7 processor, 8 GB RAM, 1 TB Hard disk, 3 no's of USB ports, CD/DVD drive, along with other accessories

Worldwide presence:

- Company should have represented and sold the desired equipment in minimum 5 countries

Comprehensive Warranty

- CMC for at least extra 4 years must be provided with on-site service in addition to 1 year warranty
- The amount for CMC would be released annually.
- If there's a downtime of the equipment for more than 1 week, 10% of the CMC cost will be deducted for each week of non-operation beyond 1 week.

➤ **GUARANTEE/WARRANTEE 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 05 YEARS COMPREHENSIVE AMC (INCLUDING ALL SPARES, ACCESSORIES AND LABOR). FAILURE TO COMPLY THIS CONDITION WILL ENTAIL THE REJECTION OF THE BIDS. THE PRICE COMPARISION 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.**

REGIONAL CENTRE FOR BIOTECHNOLOGY

(SCHEDULE-'B')

Tender Ref. No. : RCB/ATN/38/18-19
Subject : Purchase of Fermentation System (Qty-01 approx.)
Date of Submission : On or before 28.12.2018 upto 14.00 hours.
Date of Opening : 28.12.2018 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'. The Institute being the Public Funded Research Institute (PFRI) is entitled for concessional Custom Duty/concessional GST. Hence, the bidders are required to exclude the duty/Tax component from their main quote and should be quoted separately. The Institute will provide concessional certificate at the time of supplies.
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/ FIXED DEPOSIT RECEIPT (F.D.R)/ 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 (WHEREVER APPLICABLE) ALONGWITH THE TECHNO-COMMERCIAL BID SHALL BE LIABLE TO BE 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. **All hardware, software and tools to be supplied under the scope of the project must be of current versions, and must be IPv6 ready (IPv6 Ready Logo certified). The bidder should submit IPv6 readiness certificate for the supplied items. All the supplied Hardware/Software should be interoperable, IPv6 ready and in compliance with the policies/guidelines issued by DoT, Gol in this regard. Should support IPv4 and IPv6 (Dual Stack).**
22. Rates quoted should be valid for ONE YEAR from the date of opening of tender.
23. 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.
24. 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.

25. Force majeure will be accepted on adequate proof thereof.
26. The Executive Director, RCB, shall be the final authority to reject full or any part of the supply which is not conforming to the specification and other terms and conditions.
27. 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.
28. 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.
29. **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.**
30. TENDER MAY BE REJECTED IF THE COPY OF RELEVANT TAX REGISTRATION IS NOT FURNISHED (WHEREVER APPLICABLE).
31. The quantity shown in the tender can be **increased or decreased** to any extent depending upon the actual requirement.
32. 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.
33. **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.**
34. **THE TENDERERS MUST QUOTE THEIR MODEL STRICTLY AS PER TENDER SPECIFICATIONS.**
35. **THE BIDDERS MUST SUBMIT SATISFACTORY PERFORMANCE CERTIFICATES FOR THE QUOTED MODEL FROM ATLEAST THREE INDIAN USERS (SIMILAR RESEARCH ORGANIZATIONS) FAILING WHICH THEIR BID SHALL BE SUMMARILY REJECTED.**
36. 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.
37. The quoted equipment should preferably be of Indian/International standards.
38. 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.
39. Supply of equipment means-Supply, Installation and Commissioning at site. No separate charges will be paid separately on this account.
40. **UP TIME GUARANTEE:**
The firm should provide uptime guarantee of 95%.
41. **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.
42. 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.
43. **GUARANTEE/WARRANTEE 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 05 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.

- 44. 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.
- 45. 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.
- 46.** 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.
- 47.** 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.
- 48.** 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.
- 49.** Tenderers should clearly indicate the name of the Manufacturers/Beneficiary of the Letter of Credit, country of Origin, place of shipment/Air freightment, etc.
- 50.** 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.**
- 51.** SUCCESSFUL TENDERERS WILL HAVE TO FURNISH PERFORMANCE SECURITY BY WAY OF BANK GUARANTEE/ FIXED DEPOSIT RECEIPT (F.D.R) FOR 10% CONTRACT VALUE FROM ANY SCHEDULED INDIAN BANK VALID FOR THE WARRANTY PERIOD AND THREE MONTHS EXTRA ALONGWITH THE FINAL PROFORMA INVOICE.
- 52.** 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

- 53.** 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.
- 54.** Successful tenderers, should give pre-alert intimation prior to shipment notifying both the nominated clearing agents as well as the Institute.
- 55.** 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”.

56. The supplier shall furnish a list of organizations where the equipment, in question, has/have been supplied with the period during the last three years and satisfactory performance certificate from three similar organizations shall be provided.

57. PAYMENT TERMS.

100% PAYMENT WILL BE MADE AFTER SUPPLY, INSTALLATION & SATISFACTORY DEMONSTRATION OF THE SAID EQUIPMENT SUBJECT TO SUBMISSION OF PERFORMANCE SECURITY BY WAY OF B.G/F.D.R 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.

58. 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.