

CENTRAL UNIVERSITY OF RAJASTHAN
(Established by an Act of Parliament, the Central Universities Act 2009)
Bandarsindri – 305817 Distt.: Ajmer, Rajasthan.



**TENDER DOCUMENT FOR SUPPLY
AND INSTALLATION OF
LABORATORY INSTRUMENTS/EQUIPMENTS
FOR THE SCHOOL OF LIFE SCIENCES**

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(1) Schedule of Tender

TENDER DOCUMENT FOR THE SUPPLY AND INSTALLATION OF LABORATORY INSTRUMENTS/EQUIPMENTS

Last Date of Submission of Tender: 31-07-2017 (up to 2.00 P.M.)

Date of opening of Tender (Technical Bid): 31-07-2017 at 3.00 P.M.

Type of Tender: 2 Bid Systems.

NOTE:-

1. If the tender is not opened on the above date, due to unforeseen circumstances, then the next working day will be consider as tender opening date.
2. The bidders who fail to submit the required tender fee and EMD, then their techno commercial bids will not consider for opening.
3. Bidder or their authorized representatives may attend the opening of the tender.

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Bandarsindri, – 305817 Distt.: Ajmer, Rajasthan.**

(2)TENDER NOTICE

**Tender notice for the supply and installation of Laboratory
Instruments/Equipments**

Central University of Rajasthan, Ajmer, invites sealed tenders as a “2 Bid System” from reputed original equipment manufacturers/ authorized dealers/ Suppliers for supply and installation of laboratory instruments/equipments to the School of Life Sciences, Central University of Rajasthan in two parts, “Part A” (Technical Bid) and “Part B” (Commercial/Financial Bid).

- i. The detailed terms & conditions, name of items etc. can be down loaded from the website www.curaj.ac.in or Central Public Procurement Portal (CPPP) at www.eprocure.gov.in and on Gem. All other amendment/modification/Corrigendum in future will only be published on the website www.curaj.ac.in and Central Public Procurement Portal (CPPP) at www.eprocure.gov.in and on Gem.

(3) Important Notes to the Bidder:-

1. Central University of Rajasthan, Bandarsindri, invites tenders under “2 Bid system” for supply, erection, installation and commissioning of various instruments/equipments to the School of Life Sciences of Central University of Rajasthan as per specifications given in the instrument specifications as per Annexure -**01 to 12** (separately for each group)mentioned with Technical specification Section(5)
2. Tender document can be downloaded from the University website at URL Link: or Central Public Procurement Portal (CPPP) at www.eprocure.gov.in and on Gem <http://www.curaj.ac.in/advertisemnts/tenders.html/>
3. The bidders are requested to read the tender document carefully and ensure all the compliance with instructions herein. Non-compliance of the instructions contained in this document may disqualify the bidders from the tender process.
4. All offers should be written in the English and price should be written in both, figures and words. The offer should be typed or written in pen ink or ball pen. Offer in pencil will be ignored. The tenderer shall certify that the rates being quoted are not higher than those quoted for any Govt. Deptt. or Institution or DGS & D or any organization during last one year. If during the last one years at any time the tenderer has quoted rates lower than those quoted against this tender, the University would be given the benefit of Lower rates by the tenderer. The relevant documents should be enclosed with technical bid.
5. The prescribed tender documents should be submitted in sealed envelop duly superscribed Group No. mentioning “Supply and installation of laboratory instruments/equipments to the School of Life Sciences, Central University of Rajasthan at Bandarsindri, Ajmer (Rajasthan)”. This sealed envelope should contain 3 sealed envelopes marked A, B, & C as prescribed as under:

Envelope A containing tender form fee for each equipment and the appropriate Earnest Money Deposit (EMD) separately for each equipment, both in the form of Demand Draft in favour of CENTRAL UNIVERSITY OF RAJASTHAN payable at Bandarsindri/ Kishangarh/ Madanganj. Tender shall be rejected if the tender form fee and Earnest money D.D.’s are not found in proper order.

Envelop B containing the Technical Bid along with the supporting documents. (See Terms & Conditions for more details)

Envelop C containing the Financial Bid.

The tender document should be sent to:-

**Registrar,
Central University of Rajasthan
N.H.-8 Road, Jaipur-Ajmer Highway,**

**Bandarsindri, Kishangarh, Distt. Ajmer,
Rajasthan, Pin-Code- 305817**

6. Groupwise complete tender document is to be signed with seal & is to be placed in a separate envelope along with the necessary required documents.
7. The duly constituted committee appointed by the competent authority of Central University of Rajasthan, Bandarsindri, reserves the right to select some items (in single or multiple units) and reject the others or all items mentioned in the Schedule. The same committee will also reserve the right to revise or alter the specifications before acceptance of any tender with prior notice on the University and Central Public Procurement Portal (CPPP) at www.eprocure.gov.in and on Gem website.
8. Incomplete tenders, amendments and additions to tender after opening or late tenders are liable to be ignored and rejected.
9. The Bid shall be treated as a 2 Bid System. The Technical Bid will be considered for applicants whose Tender Fee and Earnest Money Deposit (EMD) is found in order. Financial Bid shall be opened for those bidders who have qualified in Technical Evaluation.

10. Bidders are required to enclose photocopy of cheque & NEFT Bank Details with tender /quotation to enable us to making payment through on line transfer for refund of EMD.

11. Interested Bidders may obtain further information from the office of Dean, School of Life Science, Central University of Rajasthan, India.

All bids must be delivered to our office up to the date and time indicated above. Bids will be opened in the presence of Bidders'/authorized representatives who choose to attend on the specified date and time. In the event of the date specified for bid receipt and opening being declared as a closed holiday for office, the due date for submission of bids and opening of bids will be next working day or as announced by the University in the appropriate manner.

Any clarification regarding tender before submission of tender document can be discussed with Professor Pradeep Verma, email id is pradeepverma@curaj.ac.in /Dr. Pankaj Goyal, email id is pankajgoyal76@gmail.com, pankaj_bio@curaj.ac.in /Dr. Jogeswar Panigrahi, email id is jpanigrahi1975@curaj.ac.in /Dr. Chandi C. Mandal, email id is ccmandal@curaj.ac.in /School of Life Sciences -01463-238733 or Joint Registrar 01463-238591.

Please Note that the tender document is subjected to verification with the original document and if any discrepancy is found, the tender would be rejected. Tenders (Technical Bid) will be opened first in the presence of the attending vendors.

Note:- Bidders are required to submit separate DD of EMD for each instrument.

Registrar

CENTRAL UNIVERSITY OF RAJASTHAN
(To Be Filled By the Vendor/ Bidder)

1. Nature of the Equipment/Instrument:
2. Name of the Vendor:
3. Full Address of the Vendor:
4. Telephone/ Mobile No.
5. Fax. No. (If any)
6. Registration No. of Firm
7. PAN
8. VAT/CST/GST Registration No.
9. Details of the D.D.
 - a. For **Tender Fee(Non Refundable)** : D.D. No._____ dated _____
drawn from the bank_____
 - b. for **E.M.D Amount (Refundable)**: D.D. No._____ dated _____
drawn from the bank_____

Seal and Signature of the bidder/Vendor

(4) TERMS AND CONDITIONS OF THE TENDER

(1) Price / Taxes:-

Prices stated in this tender are firm and shall remain firm until required deliveries have been completed unless otherwise expressly agreed to, in writing by both parties. The vendor agrees that any price reduction made with respect to Material covered by this order subsequent to placement will be applied to the order. All prices specified herein include all charges for, but not limited to, inspection, and packaging. Prices set forth shall be inclusive of applicable taxes viz sales, value-added or similar taxes until and unless specified in the schedule. This University is registered with DSIR vide No.TU/V/RG-CDE(1115)/2013 dated 24th October 2013 & is exempted for paying excise & Custom Duty.

(2) Acknowledgement and Acceptance of agreement:

This agreement constitutes an offer from the university and is expressly limited to the Terms and Conditions contained herein. The Terms and Conditions of the agreement are those that apply to the purchase of materials, items, products, components or services (hereinafter referred to as "Material"). All exhibits, attachments, technical specifications, drawings, notes, instructions, or information referred in the agreement are incorporated herein by reference.

(3) The Vendor as an Independent Contractor:

The Vendor shall perform the obligations of this order as an independent contractor and under no circumstances shall it be considered an agent or employee of the university. The terms and conditions of this order shall not, in any way, be construed as to create a partnership or any other kind of joint undertaking or venture between the parties hereto. The Vendor expressly waives any and all rights which may or may not exist to claim any relief under the university's comprehensive insurance policy, worker's compensation or unemployment benefits.

(4) Delivery:

The equipments should be delivered to Central University of Rajasthan and within a time period of 60 days from the date of LC opening and complete installation within 30 days after date of arrival on or in case of indigenous purchase supply should be made within 30 days & installation be completed within next 15 days. If any material is not delivered by the date specified therein, the University reserves the right, without liability, to cancel the order for undelivered material not yet shipped or tendered, and to purchase the same from another vendor and to charge the defaulting Vendor for any loss incurred in this transaction. Any provisions thereof for delivery by instalment shall not be construed as obligatory unless agreed upon by both the parties. The University shall have the right to

refuse deliveries made more than one week in advance of any delivery schedule appearing in the order unless arrangements for such early delivery have been confirmed with the receiving party.

If the vendor is unable to complete performance at the time specified for delivery, by reason of strikes, labour disputes, riot, war, fire or other causes beyond the Vendor's reasonable control, the university at its option, may elect to take delivery of material and to pay such proportion of the contract price as deemed reasonable by the university.

(5) Reproduction of Documentation:

The University shall have the right at no additional charge to use or incorporate all or portions of material found in the Vendor's literature and/or reproduce the Vendor's applicable literature such as operating and maintenance manuals, technical publications, prints, drawings, training manuals and other similar supporting documentation and sales literature. The Vendor agrees to advise the University of any Updated Information related to the foregoing literature and documentation with timely written notice.

(6) Rescheduling:

The University may without liability at least seven days prior to the scheduled delivery date appearing on the order defer delivery on any or every item under said order by giving oral notice to the Vendor (confirmed in writing within seven working days) of any necessary rescheduling.

(7) Shipping, Packaging and Labelling:

All Material purchased hereunder must be packed and packaged to ensure its safe delivery in accordance with good commercial practices and where incorporated, the University's packaging specification.

The Supplier shall provide such packing of the Goods as is required to prevent their damage or deterioration during transit to their final destination as indicated in the Contract. The packing shall be sufficient to withstand, without limitation, rough handling during transit and exposure to extreme temperatures, salt and precipitation during transit and open storage. Packing case size and weights shall take into consideration, where appropriate, the remoteness of the goods' final destination and the absence of heavy handling facilities at all points in transit, including the final destination.

The packing, marking and documentation within and outside the packages shall comply strictly with such special requirements as shall be provided for in the Contract including additional requirements, if any, specified in the contract and in any subsequent instructions ordered by the Purchaser.

It is the sole responsibility of the vendor to provide/replace the item/goods, if it is lost or broken during the shipping or transportation due to whatever may be the reason.

Vendor is responsible to ensure, by contacting the University, that the shipping has been properly done i.e., all the items/goods have properly reached the University.

(8) Changes / Amendments:

At any time prior to the deadline for submission of tender, the Purchaser may amend the tender documents issuing by Addenda/Corrigendum. The University shall have the right at any time, by written notice, in the form of an amendment order, to make any changes, if deems necessary, including, but not limited to, changes in specifications, design, delivery, testing methods, packing or destination. If any such required changes cause an increase or decrease in the cost of or the time required for performance, an equitable adjustment shall be made in the contract price or delivery schedule, or both. Any claim by the Vendor for adjustment under this clause shall be deemed waived unless asserted in writing within ten (10) days from receipt by the Vendor of notice of change (amendment order). Price increase, extension of time for delivery and change in quantity shall not be binding on the University unless sufficiently justified by vendor and accepted by the university in a form of amendment/ modified Order issued and signed by the University.

(9) Inspection and Acceptance:

Material procured from vendor shall be inspected and tested by the University or its designee at vendors cost. If deemed necessary by the University, the Vendor shall provide without charge, all reasonable facilities and assistance for such inspection and test. Any inspection records relating to Material covered by this agreement shall be made available to the University during the performance of the order.

If any Material covered by this agreement is defective or otherwise not conforming to the requirements of this agreement, the University may, by written notice to the Vendor:

- (a) rescind the purchase/supply order as to such non-conforming Material;
- (b) accept such material at an equitable reduction in price;
- (c) reject such non-conforming material and require the delivery of suitable replacements
- (d) If the vendor fails to deliver suitable replacements promptly, the university, with notice of seven business days, may replace or correct such material and charge the vendor the additional cost occasioned thereby, or terminate this order for default.

No inspection (including source inspection) test, approval (including design approval) or acceptance of material shall relieve the Vendor from responsibility for defects or other failures to meet the requirements of this order. Rights granted to the University in this article entitled INSPECTION is in addition to any other rights or remedies provided elsewhere in this order or in Law.

(10) Invoicing / Payments / Set-Offs:

After each completion of supply/purchase order, the Vendor shall send duplicate invoices including item number to the University's concern Department.

Payment of invoice shall not constitute acceptance of Material ordered and shall be subject to appropriate adjustment, if the Vendor failed to meet the requirements of this agreement. The University shall have right at any time to set-off any amounts due to the Vendor, (or any of its associated or affiliated companies) against any amounts owed by the university with respect to this agreement.

(11) Terms of Payment and Conditions:-**(A) For Indigenous/Indian equipments/stores on DDP Destination basis:-**

80% of the total payment shall be released on submission of proof of delivery of complete equipments/stores (stores/consignee receipt), inspection report and on certification of satisfactory installation of the equipment at the consignee's premises and after "ensuring verification of the Performance Security" @ 5% of the Purchase Order value.

Balance 20% of the payment shall be released upon successful Test run of the equipment at least for a month and after ensuring that already furnished Performance Security is valid for a period of 60 days beyond the date of completion of all contractual obligations of the bidder / supplier including comprehensive maintenance warranty obligations.

(B) For Imported Equipments/ Stores:-

For Foreign/Principal suppliers of equipments/stores:-For
payment made through Letter of Credit (L/C)

An irrevocable letter of credit (L/C) for 100% of the value of the imported equipments/stores (excluding the value of the Indigenous / Indian equipments / stores, if any) shall be established on submission of the acknowledgement of the order by the successful bidder stating the country of origin and port of shipment, submission of Performance Security @ 5% of the Purchase Order value, four copies of the Proforma invoice and confirmed Letter of Credit (LC) opening details.

It shall be the responsibility of the bidder to ensure that all the requisite documents are provided to the purchaser including the Performance Security in original for appropriate denomination and period on priority basis, so as to ensure opening of LC on time.

Out of this, 80% of the value of the imported equipments/stores will be paid against inspection certificate (where applicable) and shipping documents to the Principal through L/C. Balance 20% will be released within 30 days after due certification by the Purchaser/Institute for successful commissioning of the equipments at the premises and also, after ensuring that the furnished Performance Security is valid for a period of 60 days beyond the date of completion of all contractual obligations of the bidder/supplier including comprehensive maintenance warranty obligations.

Price Fall Clause:-

If at any time prior to delivery of the equipments/stores, the bidder/supplier reduces the sale price of such equipments stores as covered under this tender enquiry, to any organization (including Central/State/Deemed university) at price lower than the price quoted under this contract, he shall forthwith reduce the price payable under this tender for the equipments/stores being supplied after the date of coming into force of such reduction, the price of equipments/stores shall stand corresponding reduced.

(12) Selection of the Bidder:

For the purpose of selection of the bidder, a two-stage bidding process will be followed. The response to the tender should be submitted in two parts viz. Technical Bid & Commercial Bid & must be submitted in separate sealed envelopes.

(a) Technical Bid:

Technical bid should contain information regarding the company/firm registration details, Authorization letter, Clientele list (List of Users), Performance certificate from clients, self declaration for not black listed, business turnover, experience and other details of the firm to judge the suitability of the bidder. Bidder must ensure the following conditions while going for the bidding:

- i. **SPECIFICATIONS:** Specifications are basic essence of the product/contract. It must be ensured that the offers must be strictly as per our specifications mentioned at Annexure-01 to 12 at technical specification section(5). At the same time it must be kept in mind that merely copying our specifications in the quotation shall not make the parties eligible for consideration of the quotation. A quotation has to be supported with the printed technical leaflet/literature of the quoted model of the item by the quoting party/manufacturer and the specifications mentioned in the quotation must be reflected /supported by the printed

technical leaflet/literature. Therefore the model quoted invariably be highlighted in the leaflet/literature enclosed with the quotation.

- ii. Non-compliance of the above shall be treated as incomplete/ambiguous and the offer can be ignored without giving an opportunity for clarification/negotiation etc. to the quoting party.
- iii. Detailed firm & company details, copy of registrations must be enclosed. In case of authorized dealers/distributor certificate in prescribed format from **Original Equipment Manufacturers (OEM)**, on the same should be enclosed for participation in the said tender.
- iv. Authorization letter from manufacturer in case of dealer/s for the said equipment enclosed with the technical specifications.
- v. OEM should be internationally/Nationally reputed Branded Company.
- vi. Copy of mandatory test reports, national testing/reliability and endurance test reports etc., certified or conducted at the manufacturing site, granted by the bureaus/quality control departments/national testing laboratories.
- vii. A write up on service and maintenance capability, mitigation of risks or breakdown and replacement capability, with the escalation support matrix suggested for the University. Vendors must indicate their sales and support service centre in India and their plan to address issues about services, maintaining minimum service inventory etc.
- viii. Signed & Stamped compliance sheet of the technical specification of the offered equipment with technical printed literature must be enclosed with the technical bid in the prescribed format.
- ix. Clientele list (List of the institutes/organizations, where the similar order has been executed during the last three years) and work done list. Supporting documents (couple of orders without any alteration/modification, copies of installation report) must be enclosed.
- x. (PO) to whom such items/stores have been supplied should be mentioned in the technical bid.
- xi. Performance Certificates from clients.
- xii. Self-attested photocopy of annual turnover, IT clearance Certificate, Audited Balance Sheet, etc.
- xiii. The bidder/OEM self-declaration stating that he/she is not banned/debarred or black listed by any Central/State Govt. of India/PSU/Organizations/Institutes in India or abroad in prescribed format.
- xiv. DD for EMD amount.
- xv. Tender fee groupwise
- xvi. The form of the “Terms and Conditions” should be duly filled and signed by authorized person.

- xvii. It is only when the information about the company/Goods in quotation in technical bid is found satisfactory; the commercial part will be opened.
- xviii. University reserves the right to carry out a technical inspection and performance evaluation (benchmarking) of the offers, made by shortlisted vendors. The shortlisted vendors may be asked to come and give out presentation / demonstration.
- xix. The party must give details of identical or similar equipment, if any, supplied to any university department during last three years along with the final price paid and Performance certificate from them.
- xx. **Past Performance of the Vendors will be judged at the time of Technical Evaluation.**

(b) Price Bid:

- a) Commercial bid should contain price of the material required to be supplied as per Price Schedule "A" as supplied by the University along with the Tender form, duly filled and signed by the authorized person.
- b) All costs should be given in figures and words. All the Govt. levies like sales tax, octroi, custom duty, educational cess & service tax etc., if any, should be clearly and separately mentioned for each item or component. However, all taxes will be paid at actual rates applicable at the time of delivery.
- c) The rates quoted should be applicable to educational institutions and any cost advantage received in lieu thereof should be passed on to the University.
- d) Prices shall not be subject to escalation of any nature
- e) Prices should be FOR –Central University of Rajasthan and for imported equipment supplier will be responsible for custom clearance and forwarding the same up to university campus. Custom Duty will be reimbursed on actual basis, after submission of the evidence in original.
- f) **The quoting party should give a certificate to the effect that** the quoted prices are the minimum and they have not quoted the same item on lesser rates than those being offered to university to any other customer nor they will do so till the validity of offer or execution of the purchase order, whichever is later.
- g) Copies of **at least last two-supply orders** received from other customers or details of last two supplies made to other customers preferably in India for the same item/model **may be submitted with the offer** giving reasons of price difference of their supply order & those quoted to us, if any.
- h) The Cost of the equipment should be inclusive of all taxes and statutory levies. Labour / installation charges, packing, insurance, freight etc. should be mentioned separately

(inclusive of all taxes leviable on them). For imported/indigenous goods price to be quoted FOR CURAJ. Unit price of each product and accessories should be quoted separately. Maximum educational discount for University as could be offered should also be mentioned. The university is exempted from payment of custom and excise duty on Scientific and Technical equipment/instruments by DSIR, Govt. of India. Necessary certificate will be issued on demand.

- i) Financial statements with net profit, duly audited / certified by Chartered Accountant (CA) of the last three financial years along with the copies of Income Tax Return (ITR) must be enclosed with the technical bid.
- j) **INSPECTION:** The inspection of the system will be done by our technical expert /Scientist in the presence of firm's representative.
- k) In case of receipt of the material in short supply or damaged condition the supplier will have to arrange the supplies/ replacement of goods free of cost pending the settlement of the insurance case wherever applicable on FOR at the University or CIF basis till satisfactory installation of the system.
- l) The supplier should arrange for physical Inspection of the items directly or through their authorized representative within seven days of arrival of the consignment failing which they will be responsible for the losses. After the shipment is effected, the supplier/its representative/Indian agents must remain in touch with the University to ascertain the date of arrival of consignment.
- n) No commitment to accept lowest or any bid: University shall be under no obligation to accept the lowest or any other offer received in response to this tender notice and shall be entitled to reject any or all offers including those received late or incomplete offers, without assigning any reason what so ever. University reserves the right to make any changes in the terms and conditions of the bid. University will not be obliged to meet and have discussion with any vendor and or to listen to any representations generally.
- o) Short listing of Vendors: University will create a shortlist of technically qualifying vendors and the financial bid of only these vendors will be opened. University reserves the right to decide whether the items being quoted are as per the requirement of the University and are of standard/leading brands in the market. University reserves the right to decide which offer best suits the requirement of the university. Further, after opening financial bids of the short listed tenders, if there is a discrepancy between word and figure, the amount indicated in words will prevail.
- p) **Installation and Commissioning:** Free of cost at University. The OEM must ensure timely installation of the complete unit with necessary support to the indenters, as per details

and lists to be made available by the Stores Section or the indenting Departments/Centres/Schools.

q) **Conditional Offer** will not be accepted.

The **OEM (Original Equipment Manufacturer)** should be an ISO-9000 or ISO-14001 certified company with due credits to energy conservation and green earth compliance. Vendors should clearly mark on the both sealed envelopes “**Tender For supply and installation of laboratory instruments/equipments to the School of life Science**” (Central University of Rajasthan) and “**Commercial / Technical Bid**” on the respective envelope at left corner.

While the above procedures lay down the overall guidelines, Central University of Rajasthan reserves the right to select the vendor based on other parameters, at its discretion.

(13) Delivery and Opening of Tender:

All tender documents should be sent through courier, speed post, registered post or by person.

Telegraphic / fax offer will not be considered and ignored straightway. All tender documents received after the specified date and time shall not be considered.

The **completed tender** should be delivered at the Inward Section of the Administrative building of the Central University of Rajasthan, Bandarsindri, Ajmer, and Rajasthan on or before **date 31-07-2017 (up to 2 .00 P.M.)** **The Technical Bid will be opened on 31-07-2017 at 3.00 P.M.**

(14) Performance Security:

On receipt of notification of award from the University, the successful Bidder shall furnish the performance security at 5% of the cost of the material ordered in the form of DD in favor of The Central University of Rajasthan or in the form of Bank Guarantee or in another form acceptable to the University. Failure of the successful bidder in this respect shall constitute sufficient grounds for the annulment of the award and forfeiture of the bid security, in which event the University may make the award to the next lowest evaluated bidder on same rate or call for new bids.

(15) Rejection of Bids:

- A. If bidders give wrong information in their bid, University reserves the right to reject such bids at any stage and forfeit the Earnest Money Deposit / Performance Bank Guarantee and cancel the order, if awarded.
- B. Incomplete bids are liable to be rejected.
- C. If the technical offer contains any price information the offer will be summarily rejected.

- D. Canvassing in any form in connection with the tender is strictly prohibited and the bids submitted by the bidder who resort to canvassing are liable for rejection.
- E. Unsigned tenders/bids, unattested corrections and over writing by bidders are also liable for rejection.
- F. The schedule for accepting the tenders shall be strictly followed- late tenders shall not be accepted.
- G. Bids submitted without supporting documents as mentioned or required to submit with bids are liable to be rejected.
- H. The Tenderers must confirm in their bid acceptance in full of the terms and conditions in this enquiry. Any non-acceptance or deviations from the terms and conditions must be clearly brought out. However, tenderers must note carefully that any conditional offer or any deviation from the terms and conditions of this enquiry may render /liable the quotation for rejection.

Each page of the tender document including all annexure duly stamped and signed by the bidder must be submitted along with the tender bid and tender should be page numbered.

(16) Liquidated damages for delayed supply:

If vendor fails to deliver any of or all products or does not perform the services within the period specified in the contract, the University reserves the right to, without prejudice to its other remedies under the contract, deduct from the bill, a sum equivalent to 1% of the price of undelivered stores at the agreed price for each week to maximum limit of 5% of the value of stores so undelivered. Once maximum is reached, the second party may consider termination of contract.

(17) Assignment / Subcontracting /sublet:

The Vendor shall not assign the order received, any rights under this agreement or to become due hereunder neither delegated nor subcontracted /sublet any obligations or work hereunder without the prior written consent of the University.

(18) Cancellations:

The University reserves Right to Accept any Bid and to Reject any Or all Bids: The Purchaser also reserves the right to accept or reject any bid, and to annul the bidding process and reject all bids at any time prior to award of Contract, without thereby 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's action.

The University may cancel agreement entered with vendor in whole or in part, for no cause, upon written, FAX, or telex notice to the Vendor, effective when sent, provided such notice is sent ten (10) days prior to the delivery date, specified on the face of this order, in the event that the vendor:

- (a) fails to comply with any term or condition of this order including, but not limited to, delivery terms; or
- (b) appoints a receiver, liquidator or trustee in bankruptcy or other similar officer over any or all of its property or assets; or
- (c) files a voluntary petition in bankruptcy; or
- (d) has had filed against it an involuntary petition in bankruptcy which remains in effect for thirty (30) days; or
- (e) voluntarily ceases trading; or
- (f) merges with or is acquired by a third party; or
- (g) Assigns any of its rights or obligations under the Order to a third party without the university's prior written consent.

Upon the occasion of any one of the aforesaid and in addition to any remedies which the university may have in Law or in Equity, the university may also cancel this order or any outstanding deliveries hereunder by notifying the Vendor in writing of such cancellation and the Vendor shall thereupon transfer title and deliver to the university such work in progress or completed material as may be requested by the university. The University shall have no liability to the Vendor beyond payment of any balance owing for Material purchased hereunder and delivered to and accepted by the university prior to the Vendor's receipt of the notice of termination, and for work in progress requested for delivery to the university.

(19) Warranty:-

- a) Three year onsite comprehensive warranty (or as mentioned in Technical Annexures) with the statement of availability of spares for at least 5 years from the date of the installation of Goods against any manufacturing defects and also give the warranty declaration that everything to be supplied by us hereunder shall be free from all defects and faults in material, workmanship, transportation hazards, and shall be of the highest quality and material of the type ordered, shall be in full conformity with the specifications. During the warranty period, replacement of any part of equipment's or rectification of defects of works will be free of cost.
- b) Any deviation in the material and the specifications from the accepted terms may liable to be rejected and the bidders need to supply all the goods in the specified form to the satisfaction / specifications specified in the order / contract and demonstrate at their own cost. The payments shall be made only after receiving the material in the required specifications and quality to the satisfaction of the University authorities.

- c) Downtime: During warranty period not more than 5% downtime will be permissible. For downtime exceeding penalty equivalent to 0.50% of the F.O.R. value of the equipment for every week or part thereof may be imposed. Downtime will be counted from the date and time of the filing of complaints within the business hours of the tenderer.
- d) The Vendor warrants that any Material supplied hereunder shall conform to the generally recognized manufacturing and safety standards of the Vendor's industry as per Indian Standard Institution (ISI) or similar standard. The Vendor's specifications on performance as detailed in the Vendor's brochures, sales literature and other specifications as may be available to the university.

In addition to any other express or implied warranties, the Vendor warrants that the material furnished pursuant to this order will be:

- (i) Free from defects in design except to the extent that such items comply with detailed designs provided by the university; of merchantable quality and suitable for the purposes, if any, which are stated in the tender/quotation.
- (ii) If any material covered by agreement is found not to be as warranted, the University may, by written notice to the Vendor:
 - (a) Reject such defective material and require the delivery of suitable replacements.
 - (b) If the Vendor fails to deliver suitable replacements promptly, the University, with notice of seven business days, may replace or correct such material and charge the Vendor the additional cost occasioned.
 - (c) Any items corrected or furnished in replacement are subject to all the provisions of this article entitled WARRANTIES to the same extent as items initially furnished or originally ordered.
 - (d) Free maintenance and service during warranty.
 - (e) Regular upgrades to all software during the entire warranty period.
 - (f) Vendor should provide a certificate that they will provide the spares in future at least for five years.
 - (g) Vendor should provide insurance up to the delivery point (on-site and not up to the nearest international airport) and until the time of installation.

This warranty provision shall survive any inspection, delivery, acceptance, payment, expiration or earlier termination of this order and such warranties shall be extended to the employees, students, and users of the material. Nothing herein, however, shall limit the University's rights in law or equity for damages resulting from delivery of defective goods or damage caused during the delivery of goods or provision of services.

Rights granted to the University in this article entitled WARRANTIES are in addition to any other rights or remedies provided elsewhere in this order or in Law.

(20) Consumables/spares: All hardware & software including drivers, device interface cards/network adaptor card must be pre-installed & pre configured in the computer /equipment provided. Licensed version of system software should be provided in CD (with up-gradable version)., if such system is also a part of supply.

Manual - Hard copies of instruction/operation/service manuals should be supplied

List of important Consumable/ Spares and parts having sufficient shelf life for trouble free operation of three years should also be provided.

(21) Shifting & Reinstallation: If required, manufacturer /supplier has to take all the responsibilities for shifting and reinstallation of the equipment from the temporary building to permanent building. This responsibility has to be given in writing by the manufacturer. All terms and conditions remain same at permanent site. Also, the performance of the instrument should be reproducible after shifting. Vendor should also provide a list of instruments where the vendor has done re-installation of such equipments in the past.

(22) Training/installation:

- a. Installation testing: suppliers of the instrument must provide free installation, commissioning and testing of the equipment in the laboratory at the current temporary site and thereafter at permanent site.
- b. Comprehensive training of faculty & staff after installation should be provided, wherever deemed appropriate and an update in every six months (3-4 days) for the first two years and every year (1 week) for the next three years.
- c. On-site training to the graduate students after installation.

(23) Patent Indemnity:

The Vendor shall have to indemnify, hold harmless and defend the University, its employees, and students with respect to all claims, suits, actions and proceedings of actual or alleged infringements of any Letter, Patent, Registered or Industrial Design, Trademark or Trade Name, Trade Secret, Copyright or other protected right in any country resulting from any sale, use or manufacture of any Material delivered hereunder and to pay and discharge all judgments, decrees, and awards rendered therein or by reason thereof and bear all expenses and legal fees

(including the University's) associated herewith. The university reserves the right to be represented in any such action by its own counsel at its own expense.

(24) A.M.C.:

A separate annual maintenance contract will be executed after completion of the warranty period. On execution of the A.M.C. contract, performance security will be returned to the first party.

(25) Compliance with Laws:

After acceptance of tender, successful bidder shall have to comply with the requirements of all the existing laws. The Vendor shall also have to comply with the Fair Labour Standards Act and the Occupational Safety and Health Act, and all other applicable laws, ordinances, regulations and codes in the Vendor's performance hereunder. The Vendor will have to indemnify and hold the University and its customers harmless from any loss or damage that may be sustained by the University, by reason of the Vendor's failure to comply with any laws, ordinance, regulations and codes.

(26) Law of the Contract:

The agreement entered with vendor shall be governed by and interpreted in accordance with the laws in existence and the Jurisdiction of Rajasthan.

(27) Site preparation:

The supplier shall inform the University about the site preparation, if any, needed for installation, immediately after receipt of the supply order. Suppliers must provide complete details regarding space and all infrastructural requirements needed for the equipment, which University should arrange before the arrival of equipment to ensure its early installation and smooth operation thereafter. The supplier may offer his advice and render assistance to University in the preparation of the site and other pre-installation requirements.

Rate quoted by vendor should be valid for at least six months from the date of receipt of quotation.

As far as possible, quotations should be given for goods of Indian manufacturer and if foreign goods quoted and proposed to be supplied should be covered by normal input quota of the dealer.

I/We have read all the enclosed Terms and Conditions carefully and ready to accept and according to that I/We are submitting herewith the tender.

Seal & Signature of Vendor

(5) TECHNICAL SPECIFICATIONS SECTION

Technical Specifications: The tenderer shall meet the respective minimum technical specifications for the item that is being bid for. Any additional features or specifications in excess of these minimum specifications will be appreciated. A set of desired additional features are mentioned along with the minimum technical specifications, wherever appropriate.

The technical specifications for all the Instruments covered under this tender have been detailed as per the following Groups (one annexure for each Instrument / Equipment; this will also include all the components of a particular instrument /equipment that are being tendered for).

List of Instruments/Equipments:

S. No	INSTRUMENTS	Group	Quantity	EMD	Tender Cost	Essential
1.	Nanospectrophotometer	A	01	9500	1000	Bidders are required to submit separate Tender for each group
2.	High End Refrigerated Centrifuge	B	01	13500	1000	
3.	HPLC	C	01	56500	1000	
4.	Microprocessor based Ultracentrifuge with accessories		01	56500	1000	
5.	FPLC		01	56500		
6.	Triple Quadrupole GC-MS/MS system		01	60000		
7.	PCR machine (Gradient Thermal Cycler)	D	01	9500	1000	
8.	Online UPS (2 KVA with 2 hour protection)		01	800		
9.	Shaking Water bath		01	1000		
10.	Electrophoresis system with power pack		01	3500		
11.	Stereozoomic Microscope with photographic attachment and digital microscopic camera		01	3500		
12.	Micropipettes		05	800		

Note:-Bidders are required to submit their bids as per aforesaid mentioning i.e. Groupwise Bid alongwith required Tender fee. EMD should be separate for each item.

Annexure – 01
(Group A)

S.No.	Name of Items	
1.	<p style="text-align: center;"><u>Nanospectrophotometer</u></p> <p>Quantity -01 Nos</p> <p><u>Technical Specifications NANOSPECTROPHOTOMETER</u></p> <ul style="list-style-type: none"> • Wavelength Range should be 180 to 900-1000nm • Wavelength Accuracy not less than $\pm 2\text{nm}$ or better • Spectral Bandwidth $\leq 4\text{nm}$ or better • Absorbance Range 15 to 125A • Absorbance Accuracy should be $\pm 2\%$ at 260nm • Absorbance Precision should be $< 0.005\text{A}$ between 0 and 1A (at 260nm and 0.5mm) • Maximum sample Concentration 6,000-7000 ng/μl (dsDNA) • Detection Limit as low as 2.0ng/μl (dsDNA) • Measurement time not more the 7-8 sec • Minimum sample Size as low as 0.5μl- 1.0μl and maximum sample size is upto 5.0μl- 6.0μl • System should have DNA measurement modes dsDNA, ssDNA, RNA, Oligonucleotides, 260/ 280, 260/ 230, Variable ratio • System should have Protein measurement modes Pierce 660, BCA, Bradford, Lowry, Biuret, Direct UV • Nanospectrophotometer should have the option for cuvette also. • System Should be supplied with 10x10mm cuvette holder • System should be Quick and easy to clean • System should contain 3 year onsite comprehensive warranty including lamp/Light Source • For sterilizing the water or buffer used in the Nanospectrophotometer, system should be supplied along with sterilization system (e.g.: Autoclave) with capacity of 40 ltr or more, along with security features, water cut off and pressure controller 	

**ITEM: High End Refrigerated Centrifuge
(Group B)**

Quantity: 01

Technical Specifications: High capacity multipurpose refrigerated centrifuge with following specifications

- Maximum RCF $\geq 25000 \times g$ for 1.
- Temperature range: From $\leq -8^{\circ}\text{C}$ to $+40^{\circ}\text{C}$ with fast temperature control
- Centrifugation timer: 1 to 99 minutes (Timer should start after set centrifugal speed is reached), continuous mode and short term operation mode
- Functions for automatic shut off in case of non-use
- Maintenance Free, noiseless, brushless induction motor
- Built in condensation drainage system to eliminate water accumulation
- Noise level reduction less than 65 dBA
- Programmable memory minimum 30 programs
- Acceleration and braking 10/10
- The equipment should be supplied with IVD and CE certifications
- Height should not be more than 45 cm
- All the rotors, lids and adopters should be autoclaveable.
- Unbalance sensor and lid lock sensor
- Centrifuge Lid lock during runs
- Emergency release.
- **Essential rotors and adopter**
 - Fixed angle rotors**
 - a. Fitted directly or with adaptor to the following tubes
 - 100/85 ml (achievable RCF 4000xg or more)
 - 50 ml (achievable RCF 14000xg or more),
 - 15 ml (achievable RCF 10000xg or more),
 - 1.5/2.0 ml (achievable RCF 18000xg or more).
 - Aerosol tight swing bucket rotors**
 - a. For 250 ml bottles with adopters for 50 ml, 15 ml and 1.5/2.0 ml and adopter for MTP (Micro titer plate) or DWP (Deep Well plate) with RCF 3200xg or more)
- **Desirable rotors and adopters**
 - a. Swing bucket rotor 1000 ml with adopter for 500 ml
- **Warranty:-** Equipment should contain 03 year onsite comprehensive warranty.

Annexure -03

(Group C)

Technical Specifications of HPLC

Hardware Specifications

- The system should be an all-in-one system with system controller, pump, auto sampler, detector and column oven readily available and integrated into a single system.
- Usable solvent types should include both organic and aqueous solutions
- Automated functions like time-controlled instrument auto-start up, auto purge and automatic validation should be available
- The system should also be able to auto-shutdown to reduce power consumption
- A built-in system controller with graphical user interface (GUI) and touch-screen functions available are more favourable & System Locking Function should be available.
- System controller GUI should display status of flow line and should synchronise with workstation software using Interaction Communication Mode (ICM)

Solvent System

(Quaternary Gradient)

It should be a Quaternary Low-Pressure Gradient pump & Parallel Double Plunger.

- No. of Solvents : Up to four solvents
- Gradient Profiles : 11 gradient curves or more
- Dwell Volume : <400 microlitre or better
- Flow rate setting range : 0.0001 to 10.000 mL/min or better
- Pump Seal Wash : Automatic
- Wet Prime : Automatic
- Degassing : Integrated degassing 4 chambers or better
- Solvent Blending : Automated online pH and ionic strength
- Maximum Operating Pressure: 15000 psi or more
- Composition Accuracy : below 0.5% or better
- Composition Precision : below 0.1 % RSD or better
- Flow Precision : 0.06% RSD or better
- Flow Accuracy : $\pm 1.0\%$ or better
- pH Range : 2- 12
- Safety Feature : Leak Sensors
- Maximum Pressure: System Operating Pressure should be appropriate enough for the use of **Columns with Particle Size from 2.5 μ to 5 μ .**

Sampling

Auto Sampler Injector with cooler

- Injection Method : Total volume sample injection.
- Injection Type : Flow through needle design
- No. of Samples : 90 vials or more of 2 mL
- Injection vol. range : 0.1 to 50 μ L or better with extension loops
- Sample delivery precision : < 1.0% RSD
- Sample Temp Control : 10°C to 40°C or better
- Sample Carryover : below 0.003-0.005% or better
- Injection Needle Wash : Integral, Active and programmable
- Advanced Features : Auto Dilution and Auto Addition
- Injection volume accuracy must be below 1%
- The injection precision should be less than 0.20% RSD
- Injection cycle time: Min 14 Sec.
- Samples for processing: 200 or more

UV-Visible Detector

- Wavelength Range : 190-700nm or better

- Wavelength Accuracy : $\pm 1\text{nm}$ or better
- Wavelength reproducibility : $\pm 0.1\text{ nm}$
- Data acquisition rate : Up to 80 Hz or better
- Light source : Deuterium lamp and/or Tungsten Lamp/Xenon Lamp
- Optical Bandwidth : 8 nm or better
- Flow Cell Design : Light Guided or temp controlled
- Flow Cell Path Length : 10 mm
- Flow Cell Volume : less than 0.6 microlitre
- Safety Feature : Leak Sensors
- Drift : less than 1×10^{-4} AU/Hour
- Noise level : Should be $\pm 2.5 \times 10^{-6}$ AU
- Linearity : Equal or more than 2.5AU
- It should be able to monitor and quantitate 2 wavelengths simultaneously

Fluorescence Detector

- Wavelength Range : 200 – 650nm or better
- Light Source : Hg/Xe Lamp
- Bandwidth : 20 nm or better
- Wavelength Accuracy: $\pm 2\text{ nm}$ or better
- Wavelength Repeatability : $\pm 0.25\text{ nm}$ or better
- Sensitivity: S/N > 1000 (Raman spectrum of water) or better
- Measurement Range : 0.001 to 10000 EU
- Flow Cell Design : Axially illuminated
- Data Acquisition Rate: Upto 80 Hz or better
- Safety Feature: Leak Sensors
- Cell Volume : 12ul or better

Refractive Index Detector

- Light Source : LED 870 nm or better
- Refractive Index Range: 1 – 1.75 RIU
- Measurement Range: 7.0×10^{-9} RIU to 5.0×10^{-4} RIU
- Noise : $< \pm 1.5 \times 10^{-7}$ RIU or better
- Range : A mode: 0.01×10^{-6} to 500×10^{-6} RIU
- P and L mode: 1×10^{-6} to $5,000 \times 10^{-6}$ RIU
- Response : 0.05 to 10 sec, 10 steps
- Polarity switching : Supported
- Maximum operating flow rate : 20 ml/min
- Temperature control : Internal Oven: 30 - 55 deg C or better
- Measurement Range : 0.001 to 10000 EU
- Flow Cell : Fuse Quartz
- Flow Cell Volume : 9 uL or better
- Cell withstand Pressure: 2 MPa (cell unit)
- Zero point adjustment : Auto zero, optical zero, fine zero

Column Oven

- Column Temp Control : 20°C to 80°C in 0.1°C increments or better
- It should be forced-air-circulation type.

Software

- Operation of the system should be very easy and intuitive via a state-of-the-art 32/64 bit Windows 7 based software
- Software Should be 21 CFR Compliance
- Software must be able to link with Windows Users or Active Directory Users
- Software must Control of complete system with detectors, acquire and processing of data. It should cover full one point digital instrument control, qualitative and quantitative processing, report creation and self-diagnosis
- Software must register all events (log files) audit trails for Data, Method, Batch, Report, System Policy and User Administration

- System suitability, System security as well as System check functions must be provided which comply with Good Laboratory Practice (GLP) and Regulatory Conformity
- HPLC system should be able to connect smart devices like iPad, iPhones

Column Accessories–

Sample and Solvent filtration Assembly,

- C18 Analytical Column (5 micron, 250mm)
- C18 Analytical Column (<1.8 micron, 100mm)
- C-8 Analytical Column (5 micron, 250mm)
- C-8 Analytical Column (<1.8 micron, 100mm)

Other Accessories:

- **PC configurations** -System compatible branded PC-configuration: Latest Pentium 6th Gen, Core i7, 8-16 GB RAM, 1-2 TB HDD, latest graphics with Licensed Windows Software (8 to 10), 25-27" Color TFT or better configuration compatible with the system,
- **Laser Printer**
- **System should be supplied with 3 KVA online UPS**

Installation & Warranty

Installation, Demo & Two-week technical training, seminar to faculty & Researchers, Graduate students to be done at Site with no extra cost.

System should have Warranty of 3 comprehensive onsite years with complete coverage of Spare, Hardware consumables, Electronic Boards etc.

Annexure -04

(Group C)

Technical Specifications of Microprocessor based Ultracentrifuge with accessories

- Maximum Speed: 150,000 rpm or more.
- Speed Control Accuracy: ± 50 rpm
- Maximum RCF: 1,048,600 g (Approx.)
- Maximum Capacity: 180 ml or more (in fixed-angle), 28 ml or more (in swing-out)
- Set Temperature: 0 to 40° C in 1° increments
- Cooling System: Solid-state thermoelectric cooling or better
- Noise level: ≤ 45 dBA
- Acceleration/ Deceleration Profile: 9/9, brake off
- Programmability: 20 each with up to 9 steps
- Power: 220/230 VAC, 50 Hz, 6 A.
- The ultracentrifuge should accelerate the rotor to the top speed of 150,000 rpm in less than approx 90 seconds and must decelerate the rotor from 150,000 rpm to 0rpm in less than approx 80 seconds or better acceleration and deceleration rate
- System should have High contrast color LCD touch panel control interface
- System should have wide volume range up to 4x7ml or more for Swinging Bucket rotor and up to 6 x 30ml or more for Fixed Angle Rotor or better range
- System should have Imbalance-tolerant drive allowing up to +/- 5% opposing load imbalance or better.

- System should have USB port for output of GMP/GLP compatible run data
- System should have a user interface offering a controlled access feature restricting access to authorized users with an ID code
- System should have A user interface offering speed and g-force operation, actual run timer, Real Time Clock function, step mode operation, pulse mode, 100 case operating history, rotor catalog, and rotor life management, delayed start/ stop, dual display of 'Run' & 'Set' parameters etc.
- Machine should comply with cCSAus, CE, IEC61010-2-020 and EN61326-1 2006 standards.
- **Machine Should be supplied with 10 KVA Servo stabilizer or equivalent**

Type of rotors to be supplied along with the system:

1. Type: Fixed Angle
Capacity: 10/24 x 2ml
2. Type: Fixed Angle
Capacity: 6/8 x30ml
3. Type : Fixed Angle
Capacity: 12 X 1.5 mL
4. Type : Fixed Angle
Capacity: 30/40/50 X 0.5 mL
5. Type: Swing Bucket
Capacity: 4/6/8 x 07 ml to 10 ml

Installation & Warranty

- Installation, Demo & technical training, seminar to faculty & Researchers, Graduate students to be done at Site with no extra cost. Training: Onsite training.
- Machine should come with three (03) Year comprehensive onsite Warranty and The rotors and the drive system of the machine must have at least 5 years (non-prorated) warranty.
- **AMC for three years after the warranty period needs to be quoted**

Annexure -05
(Group C)

TECHNICAL SPECIFICATIONS OF FPLC and PROTEIN PURIFICATION SYSTEM

1. Inert biocompatible Protein Purification system for all purification and development work from microgram to gram scale.
2. Pump with following specifications:
 - Flow rate of 0.001 ml/min to 20 ml/min or more and pressure limit of 18 Mpa or more
 - System pump should have the capability of running with automatic pressure/flow control option
 - System pump should have capability to a flow of 50 ml/min for column packing flow rate for the system
3. Detector Systems:
 - a) Multiple wavelength UV detector with following specifications:

- Xenon flash lamp in UV monitor with fiber optics for high sensitivity and long lamp life, reproducibility.
 - Simultaneous detection up to 3 wavelengths or more from 200 -700 nm from a single lamp source.
 - No warm up time for Lamp & No sample heat up - Absorbance range -5 to +5 AU or better
 - b) Conductivity Monitor range: 0.01 mS/cm to 999.99 mS/cm or better
 - c) pH Monitor, Valve & Electrode Complete: pH reading range 0 to 14 or better
4. The system should have capability to automatically bypass mixer through a valve for increased application flexibility e.g. Sample loading through system pump.
 5. The system should have an optional column control valve which allows connection of one column and has an integrated bypass function, which enables washing of the system without removing the column and allows reverse flow function and pressure (Delta P) measurement before and after the column for column matrix safety
 6. The system should be supplied with a round fraction collector with an ability to
 - Minimize spillage using Drop Sync feature
 - Allows use of 3 to 50 ml tubes
 - Automatic peak recognition using control software
 - Fraction collector should be capable of being used in time, volume or peak recognition mode
 7. The System operation & Data evaluation licensed software should be capable of being installed with optional integrated DoE (*Design of Experiments*) as a tool for experimental design for generating precise data in fewer experiments for time and cost efficient method development,
 - Optional Column Log book and 21 CFR Part 11 compliance.

8. Consumables & various accessories:

(Note: Each accessory should be coated separately to meet the requirement)

- i. Prepacked IEX Kit or Equivalent containing 07 or more columns of 1ml, Qty 01,
- ii. Prepacked column, ready-to-use Q Sepharose or equivalent High Performance strong anion exchange columns for high-resolution, small-scale protein purification, 34 µm bead size for high-performance, high-resolution purifications, 5×1ml, Qty 01.
- iii. Prepacked SP HP prepacked column, ready-to-use SP Sepharose or equivalent High Performance strong cation exchange columns for high-resolution, small-scale protein purification, 34 µm bead size for high-performance, high-resolution purifications, 5×1ml, Qty 01.
- iv. Prepacked Column containing covalent bonded dextran to highly cross-linked agarose molecular weight ranges Mr 10 000- 600 000 Dalton, Bed Dimension D×H= 16 x 600 MM, 120 ml column, AVERAGE PARTICLE SIZE 34 micro M, PRESSURE OVER THE BES 3 BAR, qty. 1.
- v. Prepacked Column containing covalent bonded, Fractionation range Mr 10 000 to 600 000 (globular proteins) Mp* 1000 to 100 000 (dextran), Exclusion limit Mr 1 300 000 (globular proteins), pH stability 3 to 12 (long-term), 1 to 14 (short-term), Matrix Composite of cross-linked agarose and dextran Average bead size 8.6 µm, Bed Volume 24 ml.
- vi. Prepacked Histidine-tag affinity column containing Ni Sepharose 6 Fast flow containing 05 columns of 1ml, Qty 01.

vii. Prepacked Heparin High performance column prepacked with Heparin Highly cross-linked agarose, 6%, average particle size 90 µm, Column volume 20 ml, pressure limit 5 bar High Performance or equivalent for high-resolution purification of proteins with affinity for heparin such as DNA-binding proteins, coagulation factors, lipoproteins, and protein synthesis factors with 1-10 ml bed volume, Qty 01.

viii. Prepacked desalting column volume 5ml, dimensions 1.6 x 2.5 cm, void volume 1.5 ml, sample volume 0.25 ml – 1.5 ml, Exclusion limit (Mr) 5×10^3 , max pressure 3 bar or equivalent, pack of 5 x 5 ml qty 01.

ix. Gel Filtration Low Molecular Weight (LMW) Calibration Kit (Aprotinin-6500 Mr, Ribonuclease A- 13 700 Mr, Carbonic anhydrase- 29 000 Mr, Ovalbumin- 43 000 Mr, Conalbumin- 75 000 Mr, Blue Dextran 2000- > 2 000 000 Mr).

x. Gel Filtration High Molecular Weight (HMW) Calibration Kit containing Ovalbumin-43 000 Mr, Conalbumin- 75 000 Mr, Aldolase- 158 000 Mr, Ferritin- 440 000 Mr, Thyroglobulin- 669 000 Mr, Blue Dextran 2000- > 2 000 000 Mr

xi. Prepacked hydrophobic interaction chromatography (HIC) Kit containing 07 columns of 1 ml Bed Volume.

xii. Prepacked, gel filtration column containing matrix of Spherical allyl dextran and N'N'-methylenebisacrylamide with Dextran proteins fractionation range of $4 \times 10^4 - 2 \times 10^7$ for preparative separation of biomolecules, Bed Dimensions 16 X 600 mm, Bed Volume 120 ml, Complete Pack size 120 ml, Flow Rate 1.0 ml/min' Pressure Max. [Over the Packed Bed During Operation], 1.5 bar (22 psi), Sample Volume 5 ml, Average Particle Size 47 µm, Material [Column Hardware] Polypropylene (PP), qty. 1.

9. Installation, Demo & technical training, seminar to faculty & Researchers, Graduate students to be done at Site with no extra cost. Training: Onsite training.

10. Compatible Desktop system (6th Gen Core i7, 8-16 GB, 1-2 TB HDD, 2GB, Win8-10 25-27"), Printer and suitable UPS will be provided to run the equipment successfully. Shipment on FOR Destination at CURAJ.

11. System should be warranted for minimum three (03) Years.

Annexure -06 **(Group C)**

Specifications of Triple Quadrupole GC-MS/MS system

Bench-top triple quadrupole based Gas Chromatograph-mass spectrometer. Gas Chromatograph to provide all needed data including Temperature, Pressure/ Flow parameter, type of Carrier Gas, Carrier gas column pressure, flow rates, split flow, detector gas flow rates and all detector parameter. With Programmable Electronic Control for injectors, detectors and complete system.

- ❖ GC-main frame with one OCI-PTV for MS & one Split / Split less Injection ports for FID with EPC/AFC/PPC with Fast GC capability.
- ❖ Carrier gas head pressure setting should be more than 950 kPa provision for installing wide-bore and micro-bore columns
- ❖ Carrier gas flow should be more than 10 ml/min –
- ❖ Split ratio should be more than 7500:1

- ❖ Injection Port heating up to 450°C
- ❖ High power column oven heating up to 450°C
- ❖ Mass Range 10 m/z to 1050 m/z or better
- ❖ Mass Resolution - 0.5 -3.0 u / Unit Mass Resolution
- ❖ Scan rate should be 20,000 amu /sec or more. Higher scan rates will be preferred
- ❖ Ionization modes: EI
- ❖ System should have dual filament.
- ❖ Differential evacuation system with TMP. Preference will be given to higher capacity TMP to get maximum sensitivity and flow rates 15 ml/min or more for use of wide bore columns or two columns simultaneously.
- ❖ Direct interface between GC & MS with independent heating up to 350°C.
- ❖ Direct compatibility of capillary columns with I.D. 0.1mm to 0.53mm
- ❖ Rigid Structure, Repeller type, Ion Source
- ❖ Independent Ion source heating up to 300°C –
- ❖ Variable Ionization voltage from 10 to 150 eV
- ❖ Variable Ionization current from 5 to 150 µA –
- ❖ Quadrupole Analyzers, Q1 and Q3 should be of solid metal and rugged or glass / Quartz material. The cleaning of prerods or prefilters should be easy and can be easily done by user.
- ❖ Q2 collision cell with energy up to 60 eV and should have preferably minimum dwell time(0.5 msec) to get maximum MRM transitions. 800 MRM transitions/sec are preferable.
- ❖ Detector should be Electron Multiplier Tube with noise suppression overdrive lens
- ❖ EI Scan Sensitivity S/N Ratio >1500 for 1pg OFN m/z 272. IDL should be 4 fg with 10fg OFN with 8 injections. Higher S/N ratio will be preferred
- ❖ EI MRM Sensitivity S/N Ratio > 8,000 for 100fg OFN m/z 272 → 241. Higher S/N ratio will be preferred.
- ❖ Fast scan/MRM mode should be available.
- ❖ System should have optional facility for automatic creation of method files with optimized dwell time.
- ❖ System should be changed over in single quad MS easily.
- ❖ System should have fast GCMS facility as to enhance productivity.
- ❖ Standard samples for EI scanning, MRM
- ❖ Auto liquid injector with auto sampler vial capacity more than 100 vials preferred
- ❖ System should have provision to mount additional 3 detectors other than MS detector.
- ❖ Additional Split/split less injector should be provided
- ❖ Latest NIST version 2014 library database to be offered
- ❖ Method development (Smart MRM & MRM Optimization Tool) package for food analysis should be provided

Detector Capable of operating minimum two detectors simultaneously

a) Flame ionization detector

- ❖ Min temp range 450°C in 1°C increment
 - ❖ Automatic flame injection **with 1.5 pgC/sec**
 - ❖ Flame out detection
 - ❖ Dynamic range 10⁷
- System should have facility to get retention time identical (RTL / AART) for all peaks simultaneously in minimum possible time, after changing column or column length. – ,
 - Instrument control through MS WINDOWS based 32/64-Bit GCMS Software for control of GC temp., interface temp.; pressure and flow rates; split ratio; all MS parameters in SCAN and SIM modes; Start up and Shut down of vacuum system; User, Manual and Auto tuning; Adjustment of retention time should be automatic through S/W, and LRI Setting of Data Acquisition, Data Handling Parameters, Report Formats; Real Time Data Acquisition, display of chromatograms and mass spectra of data under acquisition, Snapshot Function; automatic analysis through Sample Schedule; Post Run analysis, Quantitation, Private and Public Library Search software; GLP / GMP, System Suitability, Audit Trail functions and FID signal integration capability–
 - System should be easy to maintain by end user. Preferably it should have front access opening to reach filament, Ion source, and prefilters/prerods for easy maintenance to be done by the user.

Accessories –

- PC configurations -System compatible branded PC-configuration: Latest Pentium 6th Gen, Core i7, 8-16 GB RAM, 1-2 TB HDD, latest graphics with Licensed Windows Software (8 to 10), 25-27" Color TFT or better configuration compatible with the system, along with suitable laser printer for data acquisition.
- Gas cylinder, regulator for operating triple QP GC-MS/MS, gas purification panel, tubings, gas cylinder mounting bracket, gas cylinder carrier, capillary columns for pesticide, flavonoids, alkaloids, food quality and gas analysis (min. 3 No.), syringes, fittings and exhaust duct system.
- Direct inlet (DI) probe : This facility may be provided to analyze liquids samples and solids samples directly with Mass Spectrometer without disturbing GC-MS interface or separating GC from MS. Temperature programming capability should be more than 450°C with at least 4 steps programming.– Two years warranty should be offered for the complete GCMS/MS System
- **System should be supplied with 3 KVA online UPS**

Installation & warranty

- **Installation, Demo & Two-week technical training, seminar to faculty & Researchers, Graduate students to be done at Site with no extra cost.** Training: Onsite training.
- **System should have Warranty of 3 Years**
- AMC for three years after the warranty period needs to be quoted

Annexure -07

(Group D)

SPECIFICATIONS

PCR machine (Gradient Thermal Cycler)

Block for 96 × 0.2 ml and 1PCR plate 8 x 12 (SBS standard), Sample working volume 10ul-50ul, Block Homogeneity ≤ 0.3°C, Temp Control Accuracy - ± 0.3°C, RAMP rate of 4- 6°C/sec for both cooling and heating; Silver Block shall be preferred;

Temperature control of block: 4-99°C, Temperature control mode -Fast, standard and safe,

Gradient Block – Over 12 Columns, Gradient range: 24 degree across the entire temperature control range; **Heated lid system** with temp. range: 35°C to 110°C, Block should maintain below 20°C during the heated lid reaching to its set temp to avoid unspecific amplification.

Auto restart option in event of Power failures, Display to indicate cycler number, temperature stand etc., Self-test of peltier elements, RS 232 and printer interface

Memory of atleast 500 programs; Control additional PCR machines through one control panel;

Minimum Three years comprehensive onsite warranty

PCR machine should be licensed.

Preferably make: Applied Biosystem/ BioRad/ Biometra/ Eppendorf

Annexure-08

(Group D)

Online UPS (2 KVA with 2 hour power protection)

Capacity: 2000VA / 1600Watts; **Back up-** 2 Hour (Supplied with battery 12V 64AH); **Power supply-** 220-240v, 50 Hz; **Output slot:** four slot, 5A; Power surge protection; **Minimum Two years comprehensive onsite warranty**

Preferably make: APC/ Numeric/ Microtek/ Luminous .

Annexure-09

(Group D)

Shaking Water bath

Capacity: 15-25L; Digitally controlled for temperature (25°C to 95°C), Digital Temperature Indicator cum Controller with precise accuracy of $\pm 1^\circ\text{C}$; Shaker: shaking rack with 12 holders at least for 100 ml flask, Orbital motion with speed 40-180 rpm, stroke length- 25 mm, Stainless steel, water resistant, water drainage valve; Power supply-.220-240v, 50 Hz. Minimum Three years comprehensive onsite warranty.

Preferably make: REMI/ Julabo/ Thermo Scientific/Rivoteck .

Annexure-10

(Group D)

Electrophoresis system with power pack

Power pack: At least four slots, Voltage: 10-300v, Current: 10-400mA, Accuracy: $\pm 2.0\%$; Digital display with timer; Timer-0-699 min.; Power surge protection; Power supply-.220-240v, 50 Hz; Power consumption: 75-100 Watt; Minimum Three years comprehensive onsite warranty

Submarine electrophoresis apparatus: Midi, 15 x 14 cm 15 x 20 cm gel size with UV transparent gel casting tray, integrated buffer chamber, safety lid with cables; comb (1-.0 mm and 1.5 mm for 15-20 well), supplied with gel caster unit.

Vertical slab gel system: Midi, 16 x 16 and 16 x 20 cm gel size with notched plate and back plate, spacer (1.0 mm and 1.5 mm) and comb (1-.0 mm and 1.5 mm for 15-20 well), single screw clamps based casting stand to exert uniform pressure along the entire length of glass plates and leak proof system; Central cooling core can be connected to tap water or a cooled recirculating bath, or filled with coolants

Preferably make: BioRad/ Sciplas/ Biometra/ Geneaxy.

Annexure-11

(Group D)

Stereozoomic Microscope with photographic attachment and digital microscopic camera:

Trinocular, C- mount, Magnification- 0.65X to 4.5X; Eye piece- wide field, 10X, 20X and 25X; Zoom ratio: 1:7 to 1:10; Illumination: Halogen/ Fluorescence/ LED; **Additional dual LED illuminator** (6W each); To be supplied with Adapter for Camera; **Stand alone Digital Microscopic colour camera**, CMOS/CCD, progressive scan, 5 megapixel, 1/2.8" sensor; option for static (3200 x 1800) and dynamic (1920 X 1080) resolution.

All camera specifications such as: pixel count and resolution, sensor size, binning, FPS@ max resolution, exposure etc. should be clearly mentioned in the quote;

Minimum Three years comprehensive onsite warranty

Preferably make: Olympus/ Zeiss/ Magnus/ Leica/ Nikon

Annexure-12

(Group D)

Micropipettes (five no.)

Variable, Fully autoclavable, single channel; Range: 0.1-10 μl , 2-20 μl , 10-100 μl , 20-200 μl , 100-1000 μl ; Accuracy: $\pm 1.0\%$; Precision: < 0.2- 1.0. Should be supplied with micropipettes stand.

Preferably make: Thermo Scientific/ Eppendorf/ Nichipet/ Brawn

(6) TENDER FORM

(Techno Commercial UN priced Bid)

Tender No.....

To,

The _____

Dear Sir,

1. I/We hereby offer to supply the items as listed in the schedule to this tender hereto/portion thereof as you may specify in the acceptance of Tender at the price given in the said Schedule and agree to hold this offer open for a period of 180 days from the date of opening of the tender. I/we shall be bound by a communication of acceptance issued by you.
2. I/We have understood the Instruction to bidders and Conditions of Contract in the form as enclosed with the invitation to the tender and have thoroughly examined the specifications quoted in the Schedule hereto and am/are fully aware of the nature of the goods required and my/our offer is to supply the goods strictly in accordance with the specifications and requirements.
3. A crossed Bank Draft in favour of the Registrar, Central University of Rajasthan for Rs. (Rupees.....only) as Earnest Money is enclosed. The Draft is drawn onBank payable at Bandarsindri/ Kishangarh/ Madanganj.
4. The following have been added to form part of this tender.
 - a) Details of items quoted for, as per instructions provided in the schedule of requirement.
 - b) Schedule of requirements, quoting the make only duly signed and stamped (without indicating price)
 - c) Copy of PAN.
 - d) Copy of last audited balance sheet.
 - e) Copy of Valid Central/State sales tax registration certificate.
 - f) Proof of manufacturing Unit.
 - g) Statement of deviations from financial terms & conditions, if any.
 - h) Manufacturer's Authorization Certificate on their letter pad.
 - i) Technical Specifications Compliance statement along with original Boucher / literature.
 - j) Any other enclosure. (Please give details)
5. We undertake to execute all orders which have been placed to meet emergent requirements on priority basis.
6. Certified that the bidder is:

- a) A sole proprietorship firm and the person signing the bid document is the sole proprietor/constituted attorney of the sole proprietor,

OR

- b) A partnership firm, and the person signing the bid document is a partner of the firm and he has authority to refer to arbitration disputes concerning the business of the partnership by virtue of the partnership agreement/by virtue of general power of attorney.

OR

- c) A company and the person signing the document is the constituted attorney.

(NOTE: Delete whatever is not applicable. All corrections/deletions should invariable be duly attested by the person authorized to sign the bid document).

7. We do hereby undertake that, until a formal notification of award, this bid, together with your written acceptance thereof shall constitute a binding contract between us.

Yours faithfully,

(Signature of bidder)

Dated this day of _____

Address...

.....

.....

Telephone:_____

FAX_____

E-mail_____

Company seal

Central University of Rajasthan
(7) Tender Form (Priced Bid)

To _____
The _____

Ref: -Tender No Dated-----

Sir,

Having examined the bidding documents and having submitted the techno commercial un priced bid for the same, we, the undersigned, hereby submit the priced bid for supply of goods and services as per the schedule of requirements and in conformity with the said bidding documents.

We hereby offer to supply the Goods/Services at the prices and rates mentioned in the enclosed schedule of price.

We do hereby undertake that, in the event of acceptance of our bid, the supply of Goods/Services shall be made as stipulated in the schedule of requirement and that we shall perform all the incidental services.

The prices quoted are inclusive of all charges net F.O.R University. We enclose herewith the complete Financial Bid as required by you. This includes:

- i. Price Schedule as per schedule of requirement.
- ii. Statement of deviations from financial terms and conditions.

We agree to abide by our offer for a period of 180 days from the date fixed for opening of the bid documents and that we shall remain bound by a communication of acceptance within that time.

We have carefully read and understood the terms and conditions of the bid document and we do hereby undertake to supply as per these terms and conditions. The Financial Deviations are only those mentioned in the statement of deviations from financial terms and conditions.

Certified that the bidder is:

A sole proprietorship firm and the person signing the bid document is the sole proprietor/
constituted attorney of sole proprietor,

Or

A partnership firm, and the person signing the bid document is a partner of the firm and he has authority to refer to arbitration disputes concerning the business of the partnership by virtue of the partnership agreement/by virtue of general power of attorney,

Or

A company and the person signing the bid document is the constituted attorney.

(NOTE: Delete whatever is not applicable. All corrections/deletions should invariably be duly attested by the person authorized to sign the bid document.) We do hereby undertake that, until a formal notification of award, this bid, together with your written acceptance thereof, shall constitute a binding contract between us.

Dated this day of _____
Details of enclosures

Signature of Bidder
Full Address:
Fax No.
E-mail:
COMPANY SEAL

Price Schedule “A”

E.M.D._____

D.D. Details_____

Bank Name_____

Date_____

Item No.	Item Name	Basic Price	Taxes and duties (if any) with rate & details	Delivery charges Other charges (if any)	Total Price F.O.R.at Central University of Rajasthan. All inclusive
1					
2					
3					

Total No. of Item(s) quoted_____

Seal and Signature of the bidder

S. No.	Item Name	Rate of AMC	Rate of AMC

Seal and Signature of the bidder

(8) FORMAT OF PERFORMANCE BANK GUARANTEE

This guarantee should be furnished by a Nationalized Bank / Scheduled Bank, authorized by RBI to issue a Bank Guarantee.

This bank guarantee should be furnished on stamp paper of Rs. 100/-

The stamp paper should have been purchased in the Name of the Bank executing the Guarantee.

In the case of foreign bidder the B.G may be furnished by an international reputed bank acceptable to the PURCHASER countersigned by any Nationalized / Scheduled Bank in India authorized by Reserve Bank of India.

WHEREAS M/s, having its registered office at hereinafter called the Distributor in India for herein after called "The supplier" for the supply of, in consideration of the Central University of Rajasthan, Department of, School ofCentral University of Rajasthan, , Kishangarh (hereinafter called "CURAJ") P.O. No. CURAJ / dt. placed an order for the due fulfillment by the said supplier of the terms and conditions in the purchase order, on production of a Bank Guarantee for Rs..... (Rupees only). We Bank, (Rein after referred to as "the Bank") at the request of supplier do hereby undertake to pay to the CURAJ an amount on exceeding to Rs..... (Rupees..... only).

2. WeBank do hereby undertake to pay CURAJ, the amounts due and payable under this guarantee without any demur, merely on a demand from CURAJ stating that the amount claimed is required to meet the recoveries due or likely to be due from the said supplier. Any such demand made on the Bank shall be conclusive as regards the amount due and payable by the Bank under the guarantee. However, our liability under this guarantee shall be restricted to an amount not exceeding to Rs.....(Rupees only)

3. We undertake to pay to the CURAJ any money so demanded notwithstanding any dispute or disputes raised by the supplier in any suit or proceeding pending before any court or Tribunal relating thereto, our liability under this present being absolute and unequivocal. The payment so made by us under this bond shall be valid and discharge of our liability for payment there under and the Supplier shall have no claim against us for making such payment.

4. We theBank further agree that the guarantee herein contained shall remain in full force and affect during the period that would be taken for the performance of the said Agreement and that it shall continue to be enforceable till all the dues of the CURAJ under or by virtue of the said Agreement have been fully paid and its claims satisfied or discharged or till Registrar on behalf of the CURAJ certified that the terms and conditions of the said Agreement have been fully and properly carried out by the said and accordingly discharges this guarantee.

5. We, the Bank further agreed that the CURAJ shall have the fullest liberty without our consent and without affecting in any manner our obligations here under to vary any of the terms and conditions of the said Purchase Order or to extend the time of performance by the said contractor from time to time or to postpone for any time or from time to time any of the powers exercisable by the

CURAJ against the said supplier and to forbear or enforce any of the Terms and Conditions relating to the said agreement and we shall not be relieved from our liability by reason of any such variation or extension being granted to the said supplier or for any forbearance act or omission on the part of the CURAJ or any indulgence by the CURAJ to the said supplier or by any such matter or thing whatsoever which under the law relating to sureties would but for this provision have effect of so relieving us.

6. This guarantee will not be discharged due to change in the constitution of the bank or the supplier.

7. We, the Bank lastly undertakes not to revoke this guarantee except with the previous consent of the CURAJ in writing.

8. This guarantee shall be valid upto unless extended on demand by CURAJ.
Notwithstanding anything mentioned above, our liability against this guarantee is restricted to
Rs...../- (Rupees only).

Notwithstanding anything contained herein

1. Our liability under this bank guarantee shall not exceed Rs...../- (Rupees
..... only)

2. Bank guarantee shall be valid upto

3. We are liable to pay the guaranteed amount or part thereof under this bank guarantee only and only if you
serve upon us a written claim or demand on or before

Dated:

Signature & Seal of the Bank

Note: The above format contains specific clauses and expressions. These clauses and expressions can vary
depending upon the nature / type of agreement and situation. Basic aspect to be kept in mind is that
interest of CURAJ is fully protected.

(9) FORMAT FOR MANUFACTURER'S AUTHORIZATION LETTER TO AGENT
(On letter head)

Ref. No.

Date:

To,
The Registrar,
Central University of Rajasthan,
Bandarsindri, Distt. Ajmer,
Rajasthan - 305817

Sub:-Tender for supply and installation of laboratory instruments/ equipments.

Dear Sir,

We, _____, who are established and reputed manufacturers of _____, having factory at _____, hereby authorize M/s. _____

_____ (name & address of Indian distributor / agent) to bid, negotiate and conclude the order with you for the goods manufactured by us.

We shall remain responsible for the tender/Agreement negotiated by M/s _____, jointly and severally.

An agency commission of _____% included in the FOB price is payable to M/s _____. We hereby extend our full guarantee and warranty as per the terms and conditions of tender for the goods offered for supply against this invitation for bid by the above supplier.

1. _____
2. _____

(specify in detail manufacturer's responsibilities)

The services to be rendered by M/s. _____ are as under: (1)

(2) _____

(Specify the services to be rendered by the distributor / agent)

In case duties of the Indian agent/distributor are changed or agent/ distributor is changed it shall be obligatory on us to automatically transfer all the duties and obligations to the new Indian Agent failing which we will ipso-facto become liable for all acts of commission or omission on the part of new Indian Agent/ distributor.

Yours faithfully,

[Name & Signature] for and on behalf of M/s. _____ [Name of manufacturer]

**(10) DECLARATION REGARDING BLACKLISTING / DEBARRING FOR TAKING
PART IN TENDER.**

(To be executed & Attested by Public Notary / Executive Magistrate on Rs. 100/- non judicial Stamp paper by the bidder)

I / We _____ Manufacture / Partner(s)/ Authorized Distributor /agent of M/S. _____ hereby declare that the firm/company namely M/s. _____ has not been blacklisted or debarred in the past by Union / State Government or organization from taking part in Government tenders in India.

Or

I / We _____ Manufacture / Partner(s)/ Authorized Distributor / agent of M/s. _____ hereby declare that the Firm _____ / _____ company _____ namely M/s. _____ was blacklisted or debarred by Union / State Government or any Organization from taking part in Government tenders for a period of _____ years w.e.f. _____ to _____. The period is over on _____ and now the firm/company is entitled to take part in Government tenders.

In case the above information found false I / we are fully aware that the tender / contract will be rejected / cancelled by the Central University of Rajasthan, and EMD / SD shall be forfeited.

In addition to the above, Central University of Rajasthan, will not be responsible to pay the bills for any completed / partially completed work.

Name _____

Address _____

Attested:

(Public Notary / Executive Magistrate)

(11) CERTIFICATE OF GUARANTEE/WARRANTY

I/We certify that the guarantee/warranty shall be for a period of 36 months (as applicable) starting from the date of satisfactory installation, commissioning and handing over of the equipment and of the works conducted therewith covered under the Supply order in working order. During the guarantee/warranty period, I/we shall provide free “after sale service” and the replacement of any part(s) of the equipment or rectification of defects of work of the equipment will be free of cost. The replacement of the parts shall be arranged by us, at our own cost and responsibility. We undertake that the above guarantee / warranty shall begin only from the date of satisfactory and faultless functioning of the equipment for 60 days at University premises. The benefit of change in dates of the guarantee / warranty period shall be in the interest of the user/your organization.

During the warranty period, we shall provide at least 4 preventive maintenance visits per year.

Uptime Guarantee: During the guarantee/warranty period, we will be responsible to maintain the equipment in good working conditions for a period 347 days (i.e. 95% uptime) in a block of 365 days.

- All complaints will be attended by us within 2 working days of receipt of the complaint in our office.
- In case there is delay of more than 2 days in attending to a complaint from our side then you can count the number of days in excess of the permissible response time in the downtime. The above said response time of 2 days for attending to a complaint by us will not be counted in the downtime.
- Penalty: We shall pay a penalty equivalent to 0.50% of the FOB value of the equipment for every week or part thereof delay in rectifying the defect.

Note: The right to accept the reason(s) for delay and consider reduction or waive off the penalty for the same shall be at the sole discretion of University.

We certify that the equipment being/quoted is the latest model and that spares for the equipment will be available for a period of at least 5 years and we also guarantee that we will keep the organization informed of any update of the equipment over a period of 5 years.

We guarantee that in case we fail to carry out the maintenance within the stipulated period, University reserves the right to get the maintenance work carried out at our risk, cost and responsibility after informing us. All the expenses including excess payment for repairs/maintenance shall be adjusted against the Performance Bank Guarantee. In case the expenses exceed the amount of Performance Bank Guarantee, the same shall be recoverable from us with/without interest in accordance with the circumstances.

We shall try to repair the equipment at University premises itself. However, the equipment will be taken to our site on our own expenses in case it is not possible to repair the same at University premises. We shall take the entire responsibility for the safe custody and transportation of the equipment taken out for repairs till the equipment is rehabilitated to the University after repair. Any loss of equipment or its accessories under its charge on account of theft, fire or any other reasons shall be at our sole risk and responsibility which will be compensated to University for such losses.

We undertake to perform calibration after every major repair/breakdown/taking the equipment for repair out of University premises.

In case of extended guarantee/warranty, we undertake to carry out annual calibration of the equipment.

We guarantee that we will supply spare parts if and when required on agreed basis for an agreed price. The agreed basis could be an agreed discount on the published catalogue price.

We guarantee to the effect that before going out of production of spare parts, we will give adequate advance notice to you so that you may undertake to procure the balance of the life time requirements of spare parts.

We guarantee the entire unit against defects of manufacture, workmanship and poor quality of components.

Signature of Bidder

(12) Technical specifications compliance Sheet

1. The technical compliance bid must be in this sheet only, otherwise it should be assumed that bidder is not able to offer technically desired product. Information provided elsewhere or in different form will not be considered.
2. All the columns of this sheet should be filled in compulsorily by the bidder, merely asking the office to refer catalogue or brochure will not be entertained.
3. The bidder shall assume full responsibility of the information provided in this sheet. Any false statement should render the breach of basic foundation of the tender.

Name of Equipment / Instrument:

Compliance Check list/ Table

S. No.	Technical specification	Features available in equipment write (yes/No)	Any deviation from specification	Corresponding page no. and S.No./ para no. of data sheet catalogue/ brochure in support of specification
1	Technical Specification as per Annexure provided			
	1.			
	2.			
	3.			
	4.			
	5.			
	6.			

(13) Check list for Terms and Conditions:-

To be filled by the bidder and submitted along with the Technical Bid.

Sr. No.	Terms & Conditions as per Bidding Document	Attached (Yes/No)	Page No.	Remarks
1.	Is tender fees attached?			
2.	Is EMD attached?			
3.	Status of Bidder: <ul style="list-style-type: none">• Manufacturer or Authorized Agent of the Manufacturer• Whether Public Undertaking, Public Ltd., Private Ltd. Company or Proprietary Firm.Whether registered under SSI			
4.	Undertaking from OEM regarding technical support & extended warranty period.			
5.	Statements of turnover per year for last three successive years duly certified by the Chartered Accountants.			
6.	User List where quoted model of the items has been supplied and installed.			
7.	Supply order copy (Minimum two nos. or more) issued by Govt./Semi Govt./Reputed organization for the quoted items. (Preferably same model).			
8.	Performance certificate of the same supplied machine (of quoted make and Model) issued by Head of the deptt. or Institution after a minimum period of six months of installation.			
9.	Whether rates quoted are inclusive of all taxes or not.			
10.	Affidavit to the effect that the bidder is not blacklisted by any Govt. agency or have no pending case either Civil or Criminal against them.			
11.	Affidavit, to the effect that the bidder is not supplying the quoted item(s) to any other Govt. / Pvt. Organizations / Institutions at the rate lower than the rate quoted against this tender.			
12.	Original Technical Catalogue of the quoted model.			
13.	Compliance Statement with relation to the technical specification as mentioned in the bidding document duly supported by the original catalogue.			
14.	Acceptance of all terms / conditions towards after sales / services as mentioned in the bidding document.			

End of Tender Document