

BHUPENDRA NARAYAN MANDAL UNIVERSITY

LALOO NAGAR, MADHEPURA- 852113, BIHAR

Tender No. BNMU/BOT/03/2023

Dated: 08/12/2023

Sealed tenders/quotations are invited through registered / speed post / courier services, from Reputed / Registered, Supplier / Dealers / Firms / Company / Enterprises for the "Supply of Equipments and other items under UGC Research Project (Sanction No: F.30-543/2021 BSR). Sealed envelope containing full information along with supporting documents, must reach in the office of the undersigned on or before 20/12/2023 upto 3.00 P.M. and the same will be opened on 21/12/2023 at 02.00 P.M. Details are available on www.bnmua.ac.in.

**Head
University Department of
Botany, BNMU, Madhepura**

BHUPENDRA NARAYAN MANDAL UNIVERSITY

LALOO NAGAR, MADHEPURA- 852113, BIHAR



TENDER DOCUMENT

FOR

"Supply of Equipments and other items under UGC Research Project

(Sanction No: F.30-543/2021 BSR)

Tender No. BNMU/BOT/03/2023

Dated: 08/12/2023

NOTICE INVITING TENDER/QUOTATION

Sealed tenders/quotations are invited in 2-Bid Systems (Technical Bid & Financial Bid) from Manufacturer/Authorized Distributors or Dealers for the "Supply of Equipments and other items under UGC Project (Sanction No: F.30-543/2021 BSR)".

The bidders are requested to read the tender document carefully and ensure compliance with all specifications/instructions herein. Non-compliance with specifications/instructions in this document may disqualify the bidders from the tender exercise. BNMU, Madhepura reserves the right to select the item (in single or multiple units) or to reject any quotation wholly or partly without assigning any reason. Incomplete tenders, amendments and additions to tender after opening or late tenders are liable to be ignored and rejected.

Terms and Conditions:

1. The technical and financial bids should be quoted separately and put in different sealed envelopes marked "Technical bid" and "Financial bid" as applicable. These separate bids envelopes are to be put in an outer envelope which should also be sealed and marked as **"Supply of Equipments and other items under UGC Project (Sanction No: F.30-543/2021 BSR)"**.
2. The bidder must submit the Original equipment manufacturer (OEM) or their Authorized Distributor Certificate on their letterhead in the name of tenderer duly mentioned tender reference number along with the technical bid. If not found with technical bid the tender will be summarily rejected.
3. The Vendors have executed same nature of work in the last 3 years. The details of such institutions and work order with name of equipments may also be enclosed with the bids.
4. The technical and financial bids should be submitted in original. The financial bid should include the cost of main equipments/items and its accessories. If there is any separate cost for installation etc. that should be quoted separately.

5. Envelope should be marked with the following reference on the top left hand corner:
O.O. No. BNMU/BOT/03/2023, Madhepura, Dated: 08/12/2023.
6. The printed literature and catalogue/brochure giving full technical details should be included with the technical bid to verify the specifications quoted in the tender. The bidders should submit copies of suitable documents in support of their reputation, credential and past performance. All pages should be self-attested with Co. Seal.
7. **The rates should be F.O.R. B. N. Mandal University, Madhepura.** The rates should be quoted in figures (typed or printed) and cutting will not be accepted. The final amount should be in figures as well as in words.
8. Any bids received after **3:00 P.M. on 20/12/2023** shall not be considered. Offers received within the stipulated period only will be considered. University shall not be responsible for any postal delay. All tender documents should be sent through courier, speed post or registered post only.

The postal address for submitting the tenders is:

**Head of the Department
University Department of Botany
B.N. Mandal University (North Campus)
Madhepura (Bihar), Pin-852128**

9. The Technical Bids will be opened on **21/12/2023 at 02.00 P.M.** in the presence of representative of the firm duly authorized. The date & time for opening of Financial Bids will be informed later on to the technically qualified bidders. In case the date mentioned above is declared Government Holiday, the date shall automatically be shifted to next working day.
10. While quoting rates, the firm shall give an undertaking to the effect that "the terms/conditions mentioned in the Enquiry Letter/Tender Notice against which the rates are being quoted are acceptable to the firm". In case the firms do not give this undertaking, their rates will not be considered.
11. The quantity shown against the item is approximate and may vary as per demand of the University at the time of placing order.
12. All disputes shall be subject to Madhepura Jurisdiction only.
13. All tenders in which any of the prescribed conditions is not fulfilled or any condition is put forth by the tenderer shall be summarily rejected.

14. BNMU, Madhepura reserves the right to cancel the tender at any point of time without assigning any reason.
15. Price bids of only those bidders will be opened whose technical bids are found suitable by the committee constituted for the purpose. Date and time of opening of price bids will be decided after technical bids have been evaluated by the committee. Information in this regard will be intimated to the technically qualified bidders. In exceptional situation, an authorized committee may negotiate price with the qualified bidder quoting the lowest price before awarding the contract.
- 16. Tender Cost & Earnest Money Deposit (EMD)/Security Deposit:**

There is no EMD /Security Deposit fee for the Bidder. However, all the bidders are required to enclose self-addressed **Rs. 35.00** stamped envelope.
17. The bidders shall keep their bid valid for minimum 90 days from the date of opening of the financial bid.
18. Manual and documentation: All the manuals necessary for operating and servicing the equipment (including details of electronic circuits) will have to be provided along with the instrument.
19. Bidders should go through the tender terms, conditions and specifications carefully and fill in the attached compliance statement accurately and unambiguously. They should ensure that all the required documents are furnished along with the bid.
20. Guarantee/warranty period of three (03) years.
21. Supply should be made within 30 days from the receipt of the work order/supply order/L C.
22. Rate of all foreign equipments must be with comprehensive maintenance contract of three years.
23. The Power point Presentation may be taken and as when required
24. Validity: Rate should be valid for 6 months.

**Head of the Department
University Department of Botany
B.N. Mandal University
Madhepura (Bihar), Pin-852128**

Annexure-I

A. Tender for Procurement of Equipments for UGC Research Project

SI No	Name of the equipment	Specifications
1.	Orbital Shaking Incubator	<p><u>Specification:</u></p> <ul style="list-style-type: none"> • Integrate incubator & shaker. Save laboratory space. Micro-processor controls temperature and shaking speed. • Timing function built in, no temperature overshoot problem Heating cut off over the set value. • Cover can be wide angle opened, convenient to watch and fetch the sample. • Build-in cover switch. When the cover is open, air circulation, heating and shaking will automatically stop Independent temperature alarm. • Unique speed control circuit to ensure shaker smooth starting and avoid liquid spilling. • Brushless DC motor, long life and maintenance free with low noise.
2.	PCR Machine	<ul style="list-style-type: none"> • Should have a sample capacity of 96x0.2ml tubes, 0.2ml tube strips or universal or standard 1x96-well plate of 8x12 format with six or more Peltier heating and cooling. • System which are not capable of taking plates will not be considered. • Should have true gradient capability with Dynamic ramping technology , other technologies apart from gradient will not be considered. • Should have the feature of dynamic ramping with identical hold times for all the 8 rows of gradient. • Should have a temperature differential range of 1-25degC across the rows. • Should have intuitive 5.7” (14.5 cm) touch screen interface which can displays graphics in high resolution for easy programming. • The touch screen should be responsive for both gloved and ungloved fingers. • Should be capable of running reaction volumes from 1-100ul. • Should have a maximum ramp rate of 4 degC/second. • Should have a temperature range of 4-100 deg C • Should have a gradient range of 30-100 deg C • Should have a temperature accuracy and uniformity of ± 0.5 deg C • Should have a memory of >500 programs with further expansion through a USB Flash drive for transfer of files. • Should have block and calculated temperature control modes. • The software should be capable of exporting Run logs and system error logs • Should have quick boot up time of not more than 1 min.

		<ul style="list-style-type: none"> •Should be quiet in operation. •System should have built in library of standard protocols for long PCR, fast PCR, reverse transcription PCR etc. •Should have the feature of “Instant Incubation” to keep samples at constant temp for ligation and restriction digests. •Should have power save mode. •Should be compatible with all kind of plastic consumables and reagents specially reusable sealing Mats. •The vendor supplying the Instrument should also have the capability of supplying cDNA Synthesis Kit, Hot Start Taq Polymerase, plastic ware, and horizontal electrophoresis system with power pack from the same Principal Company
3.	Vertical Gel Electrophoresis System with Power pack	<ul style="list-style-type: none"> • Vertical Gel Electrophoresis System : Mini dual electrophoresis unit for two slabs gel 10×8 cm. The unit includes buffer chamber safety lid with cables two alumina notched plates. 10 glass plates, 2 ten well 1 mm thick combs, 4 spacers of 1 mm thickness and dualgel caster. • Mini Submarine Electrophoresis Unit Designed for very fast separations of DNA restriction fragments in agarose gels. Includes buffer chamber, safety lid with cables, UV transparent tray and one each of 1.5 mm thick 8 and 15 well comb. • Power pack : This unit can be used with Submarine and MiniVertical electrophoresis unit. It can run two units at constant voltage or constant current with maximum output of 300V, 400mA and 80Watts. Time can be set in 1 minute increment or continuous mode.

B. Expression of Interest/Rate Contract for the supply of Chemicals, Glassware , Plasticware, Minor Equipments and others as listed below:

Expression of Interest for Annual Rate Contract for supply of Chemical, Glassware, Plastic ware and minor equipment (within the range of 20000/- per item) from the reputed manufactures/firm/ authorized distributor, distributors / dealers who are authorized by the manufacturing firm in India must submit their proposal with proper authorization letter issued by the manufacturers along with their offer of discount on their price list valid through India. A certificate to this effect may also be submitted that the discount offered by them is not less than with is being offered to any other Govt. Organization / Institutions under the ARC. The sole authorize distributor should enclose their sole authorization letter/ certificate from the foreign principal for the period of contract. The manufacturer company should be ISO certified or equivalent.

Items to be Supplied	Manufacturer/Company/ Outsourcing Firm	Specifications/Essential Quality/Configuration
<ul style="list-style-type: none"> • Minor Equipments • Chemicals • Plasticware • Glassware • PCR Primer • Outsourcing for Protein array/ Microarray/Deep Sequencing/Next Generation Sequencing • Liquid Nitrogen, LPG, Carbon dioxide Cylinder 	<ul style="list-style-type: none"> • Quiagen, Merck, Sigma, Himedia, Tarson, Borosil, SRL, Eppendorf, Thermo Fischer, Schott Duran, Axygen, GCC Biotech, Biotech Yercaud, Genaxy, Corning, Genei, Riviera, Biorad, Agilent, Stratagene, New England Biolab, Promega, Takara, Imperial Life Science • Outsourcing firm/company for Protein array/ Microarray/Deep Sequencing/Next Generation Sequencing • Local Supply of Liquid Nitrogen, LPG, Carbon dioxide Cylinder etc. 	<ul style="list-style-type: none"> • High quality Glassware and Plastic ware suitable for storing acidic solution, Molecular grade PCR primer, Analytical and Molecular Biology grade chemicals, Enzymes, Reagent for PCR and RT-PCR. • Reliable firm for outsourcing as reflected in their experience of handling Protein array/ Microarray/Deep Sequencing/Next Generation Sequencing