



MohanlalSukhadia University, Udaipur
Department of Botany

NOTICE INVITING OPEN TENDER

Bidding Document

[For Procurement of (1) Thermal Cycler,(2) Electrophoresis Unit,
and (3) Rotary vacuum evaporatorfor Research Purpose]

Open Tenderunder Two Cover System

Last Date for Bid Submission is 17.09.2024



Department of Botany
Mohanlal Sukhadia University, Udaipur-313001(India)
Website: www.mlsu.ac.in

TENDERNO.:BOT/MM/SURE/2024/11

DATE: 29.08.2024

NOTICE INVITING TENDER

Sealed- tender under two bid systems, i.e. technical and financial bids are invited from reputed firms for purchasing and procuring the scientific equipment Thermal Cycler (Gradient), Electrophoresis Unit and, Rotary vacuum evaporator, on or before 17.09.2024 at 05:00 PM. Bidders can download details from the website <https://sppp.rajasthan.gov.in> and www.mlsu.ac.in.

S. No.	Name of Equipment	Quantity	Estimated Cost (Rs)	Earnest Money (Rs)	Tender fee (Rs)
1.	Thermal Cycler (Gradient)	01	210000/-	4200/-	500/-
2.	Electrophoresis Unit (Vertical and Horizontal)	01	150000/-	3000/-	
3.	Rotary vacuum evaporator	01	540000/-	10800/-	
Total in Rs.			900000/-	18000/-	

HEAD
DEPARTMENT OF BOTANY
MOHANLAL SUKHADIA UNIVERSITY,
UDAIPUR



Department of Botany

Mohanlal Sukhadia University, Udaipur-313001(India)

Website: www.mlsu.ac.in

OPEN TENDER PRESCRIBED TENDER FORM

TENDER NO.: BOT/MM/SURE/2024/11

DATE:29.08.2024

NOTE:

Tenders under two bid systems (technical and financial) must be submitted strictly in accordance with all the terms and conditions of MohanlalSukhadia University, Udaipur otherwise the tender shall not be considered and shall be rejected outright. Counter conditions shall not be accepted. Bidders should read these conditions very carefully and comply strictly before submitting their tenders. If a bidder has any doubts regarding the interpretation any of the conditions or specifications mentioned in these documents, it must be referred to the **Head, Department of Botany** and clarification obtained before submitting the tender. The decision of the **Head, Department of Botany** regarding interpretation of the conditions and specifications shall be final and binding on the bidders. The purchase is being made as per Rajasthan Transparency in Public Procurement Act/Rules, 2012 and also 2013(GSR97), Finance (G&T) Department dated 27.1.2013 and as amended from time-to-time.

TWO SETS OF THIS BID FORM CONTAINING THE FOLLOWING ENCLOSURES ARE BEING SENT:

1. Details about bidder
2. Summary of tender
3. Schedule of important dates for the tender
4. Technical specifications
5. Eligibility criteria
6. General terms and conditions of bid
7. Special terms and conditions of bid
8. Compliance of the Specifications
9. Technical bid form
10. Financial bid form
11. Annexure A to D

Submit technical bid and financial bid separately as per details given under special terms and conditions para (1) in separate sealed envelopes failing which the Tender (Bid) will be rejected. Please retain one set for your record and submit one complete set duly filled-in signed and stamped along with earnest money (Bid deposit) remittance documents.

Encl. as above

**HEAD
DEPARTMENT OF BOTANY
MOHANLALSUKHADIA UNIVERSITY, UDAIPUR**



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DETAILS ABOUT THE BIDDER:
(To be filled in by the Bidder)

Name of the bidding Company/Firm	
Contact Person (Authorized Bid Signatory)	
Correspondence Address	
Mobile No.	
Telephone Number (Land Line)	
Website & E-mail Address	
EMD Bank Draft/Pay Order In the Name of HEAD, DEPARTMENT OF BOTANY, MLSU, UDAIPUR (RAJ.) payable at Udaipur. (Cheques /FDR are not acceptable)	The EMD (Refundable) and Bid fee may be paid as follows: EMD (2%) + Rs 500/- (Tender Fee) (All fees to be paid through RTGS/NEFT only) Bank details are as under: Beneficiary Name: Head, Department of Botany, Mohanlal Sukhadia University Bank Name: ICICI Bank Pvt. Ltd. Branch Address: Bapu Bazar, Udaipur (Rajasthan) Bank Account No.: 693301216469 IFCS Code: ICIC0006933 MICR Code: 313229006 (This is mandatory that UTR Number is provided)
EMD Details	
Bid Fee Details	

DECLARATION

I/We hereby declare that I/We have read all the General, Special Terms and Conditions and Scope of work & specifications of the bid items of the University and I/We agree to these terms and conditions.

SIGNATURE OF THE BIDDER
WITH THE FIRM'S RUBBERSTAMP



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TENDER NO.: BOT/MM/SURE/2024/11

DATE: 29.08.2024

SUMMARY OF THE OPEN TENDER

S. No.	Name of Equipment	Quantity	Estimated Cost (Rs)	Earnest Money (Rs)	Tender fee (Rs)
1.	Thermal Cycler (Gradient)	01	210000/-	4200/-	500/-
2.	Electrophoresis Unit (Vertical and Horizontal)	01	150000/-	3000/-	
3.	Rotary vacuum evaporator	01	540000/-	10800/-	
Total			900000/-	18000/-	

Types of Tender: Two Bid System (Rule 163 GFR 2017)

Mode of EMD and Tender Fee:

Bidder should send separate amount for Tender fee (Non-refundable) and EMD (Refundable without interest) in favor of **Head, Department of Botany, MLSU, Udaipur** through online RTGS/NEFT only.

NOTE:

1. If the Bid is not opened on the above date due to unforeseen circumstances, then the next working day will be considered as the Bid opening date.
2. The Bidder who fails to submit the required Tender fee and EMD, their Techno financial Bids shall not be considered for opening.
3. The procuring entity reserves the complete right to cancel the bid process at any stage and reject any or all of the bids.

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SCHEDULE OF IMPORTANT DATES FOR TENDER

S. No.	Events	Date
1.	Date of Issue of Notice Inviting Tender (NIT)	29-08-2024
2.	Start Date & Time for downloading of Tender documents	29-08-2024 after 5.00 PM
3.	Website for downloading Tender Documents	http://sppp.rajasthan.gov.in and www.mlsu.ac.in
4.	Last Date & Time for submission of Tender	17-09-2024 at 05:00 PM
5.	Date & and Time for opening of Technical Bid	18-09-2024 at 12:00 Noon
6.	Date & Time for opening of Financial Bid	To be announced after evaluation

HEAD
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TECHNICAL SPECIFICATION OF EQUIPMENTS

S. No.	Name of Article and Brief Description of the Functionalities	Quantity	Estimated Cost in INR per Unit (including 18% GST)
1.	<p><u>Thermal Cycler</u></p> <ul style="list-style-type: none">• The equipment must have the ability to maintain a block temperature range of 4°C to 99°C or better• Annealing temperature gradient of 30°C or better• The block supplied with the equipment must be able to accommodate 96 x 0.2 mL tubes / 12 x 0.2 mL PCR strips / 1 x 96 well PCR plate• The system should have the required onboard / extended memory to store at least 10000 protocols• USB storage should be supplied along with the equipment• A protocol editor system should be available to create and edit new reaction cycles• A graphical user interface based on a touch screen panel is necessary for user input• The equipment should have at least 1-2 USB ports for input / output of protocol data• The cycler should be compatible with commonly used reagents / plasticware and must not be specific to a particular brand of labware• Must have auto-restart feature after power interruption• Ramp rate must be adjustable• Must have heated lid with provision to adjust temperature up to 105°C or better• A ramp rate of at least 4°C or better• Temperature accuracy of 0.3 - 0.5°C or better• Temperature uniformity of 0.3 - 0.5°C or better• Link of the manufacture's website should be provided to cross check the specification <p>*Manufacturer should be ISO certified *Warrantee 1 years or more</p>	1	210000/-
2.	<p><u>Electrophoresis Unit</u></p> <ul style="list-style-type: none">• Should be UV Transparent gel tray with an integrated fluorescent ruler & safety lid• Should be having universal gel caster to fit different size of gel tray.• Same buffer tank should accommodate different sizes of gel tray.• Multiple options for hand casting gels of different sizes• Combs to fit virtually every need-multichannel pipette compatible combs, fixed height combs, adjustable height combs, and preparative combs	1	150000/-



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	<ul style="list-style-type: none"> • Easy to replace electrode cassettes • IEC 1010(EN 61010) Electrical safety certification. <p>A. Horizontal Gel Electrophoresis System</p> <ul style="list-style-type: none"> • Main Unit with buffer tank with single molding casted • UV Transparent Gel tray size 15 X 10 cm or more • Gel caster, • 15 well and 20 well combs, other sizes of combs can be quote optionally. • It could accommodate other gel tray size like 15 x 7 cm or more • Can run 10 - 60 samples or more samples • Buffer volume: approx 650 mL or more • Cell Size: 17.0 x 25.0 x 6.0 cm or above size • Ready Agarose gel accommodated: Yes <p>B. Vertical Gel Electrophoresis System</p> <ul style="list-style-type: none"> • Number of gels: 1 – 2 • 10-well combs: 5 or more • mm spacer plates (5 plates per box): 1 box or more than 1 • Casting stands: 2 or more • Casting frames: 4 or more • Total buffer volume for 2 gels: 800 mL or above • Electrode assembly, tank, lid with power cables, mini cell buffer dam <p>C. Power Supply</p> <ul style="list-style-type: none"> • Volts: 10-300 V or above >300 V • Current: 4-400 mA • Power: 75 W or above • Type of output: Constant current, Voltage • Timer: 1-99 hrs • Programmable • No of output: 4 or more • Safety features like No load detection, sudden load change detection, overload/short circuit detection, over voltage detection. • Operating temperature: 0 – 40°C • Display: 3 digits LED or more than 3 digits • Link of the manufacture’s website should be provided to cross check the specification <p>*Manufacturer should be ISO certified *All quoted items should be from same manufacturer. *Warrantee 1 years or more</p>		
3.	<p><u>Specification Rotary vacuum evaporator</u></p> <ul style="list-style-type: none"> • 4 L or above heating bath with digital temperature display and carrying handles. Integrated safety lift-out 	1	540000/-



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function in case of power failure

- Heating bath for up to 180°C or above.
- Locking button for fixing heating bath temperature.
- Mechanical lift end-point safety stop.
- Locking mechanism with red indicator shows unlocked position of the vapor tube.
- Device should have variable adjustable immersion angle and stroke of 120 mm or more.
- Single-handed semi-automatic push button-based lift handling, suitable for left and right-handed operators.
- Digital speed display with speed range of 5 - 300 rpm / above.
- Flask clamping mechanism with integrated push-off function for easy exchange of evaporation flasks.
- Rotary Evaporator with condenser having 1 litre Evaporating flask and 1 litre receiving flask (1 set extra of both flasks of same make, extra clamps (10 nos) to hold both flasks.
- High-efficiency condenser with 1500 cm² or above cooling surface - low space requirements.
- IP 20 protection class.
- Low device voltage (24V) ensures user safety.
- Should have efficient insulation.

A. Specification recirculating chiller

- Cooling unit with 350 W or above cooling capacity @10°C or above
- Environment friendly CFC free hermetically sealed compressor
- LED display.
- Designed for cooling applications up to -10°C at Room temperature
- Excellent temperature stability of about $\pm 0.5K$ or less
- Pump pressure 0.35 bar and suction of 0.15 bar and with flow rate of 18.0 l/min
- Filling level indicator
- The high-quality 3.0 l bath has an integrated filling and drain valve, ensuring a safe and clean handling of the thermo fluid.
- The easy-to-open flap allows an easy cleaning of the stainless steel mesh air filter.
- RS 232 and USB interface
- IP protection
- Electrical Requirement should be 220V 50HZ.

B. Vacuum pump and Vacuum controller

- Diaphragm speed controlled vacuum pump with integrated removable wireless vacuum controller.
- Four suction level with suction capacity of minimum 1.3



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<p>m³/h and ultimate vacuum of 5 mbar or better.</p> <ul style="list-style-type: none">• Pressure controller and a dial gauge for vacuum monitoring supplied along with the pump.• Should fitted with gas ballast valve to prevent condensation and flushing the pump.• Digital Vacuum Controller should be provided along with the vacuum pump with timer function, display of set and actual value of pressure settings.• Pump should have self-cleaning function.• Pump should have USB and RS 232 interface.• PTFE layered Two-stage Diaphragm pump, oil free, protection against aggressive solvents.• Motor rpm should be 3000 rpm or better.• Bearing should be maintenance free.• Vacuum pump should have pump % mode of operation.• Inbuilt solvent library• The Pump system should include a downstream vacuum safety emission condenser. <p>*Manufacturer should be ISO certified *All quoted items should be from same manufacturer. *Warrantee 3 years or more</p>		
Total in Rs.		900000/-
Amount in Rs. Nine Lakhs Rupees only		

Note

- Before opening of financial bid, the demonstration of the instrument must be required. If bidder fail to give the demonstration than we can cancel the bidder tender.
- The manufacturing firm should have ISO/CE certificate.
- Manufacturer should have experience at least 10 years or more in instrument manufacturing
- Manufacturer should have same model user' list at least 10 or more in Government Institute in Rajasthan (User's List Must attach with tender)
- All the relevant and supporting documents shall be provided for the evaluation of technical bids.
- Price must be quoted in INR Including all other Taxes like GST.

HEAD

DEPARTMENT OF BOTANY

MOHANLALSUKHADIA UNIVERSITY, UDAIPUR

I/we hereby declare that I/we read carefully all the above-mentioned Special Terms & Conditions and I/we hereby agree to accept conditions.

Place:

Date:

SIGNATURE OF THE TENDERER

(Withseal)



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ELIGIBILITY CRITERIA

The Contractor/firms shall furnish the following documents attached with the quotation for Technical Bid failing which the bid will be rejected summarily.

1. Proof of GST, if applicable.
2. PAN No. of the firm. PAN No. on the name other than the firm should not be accepted.
3. The Laboratory Equipment must be manufactured by a company whose products have passed ISO9001/ISI quality management system.
4. The bidder must be OEM, or where permitted, OEM authorized distributor, authorized dealer in the goods and he shall furnish manufacturer's authorization letter. Offers without manufacturers printed technical literature or technical literature certified by the manufacturer may be rejected.
5. Bidder must attach proof related to (i) Manufacturing certificate issued by the Manufacturer or their authorized Indian Agent with warranty of 3 years or more (ii) ISO certification.
6. Bidder must have been in the business of Thermal Cycler (Gradient), Rotary vacuum evaporator, and Electrophoresis Units supply and installation during last two financial years.
7. Bidder must attach (a) certificate for installation (b) Copy of purchase orders, from 05 (five) Central Government Institutions and/or Rajasthan State Government Institutions of last 2 financial years to prove the prior experience.
8. Average annual turnover of last three years of the bidder shall be more than INR 9.00 lakh, relevant document shall be provided.
9. Bidder must have authorized service centre in India to attend maintenance calls since last three years.
10. The Bid validity period shall be six months from the date of opening of financial bids.
11. Bidder must enclose product catalog/brochures with detailed technical specifications which should be available on manufacturer's website in public domain. If the technical specifications are not provided, the offer may be rejected.
12. The Earnest Money Deposit (EMD) of Rs.-----/- (Rupees -----only) through RTGS/NEFT.
13. The firm should not have been black listed from any Govt./Ministry/PSU Organization (A certificate in this regard will be submitted with the tender)

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GENERAL TERMS AND CONDITIONS OF BID

NOTE: Bidders should read these conditions carefully and comply strictly while sending their bids. If a bid has any doubt regarding the interpretation of any of the conditions or specification mentioned in the bid notice, they should refer these to the undersigned and obtain clarification before submitting the bid.

The decision of the University regarding the interpretation of the conditions and specifications shall be final and binding on the Bidders.

1. Definition
 - (i) The term '*the contract*' shall mean the invitation to the bid the instructions to the Bidders the bid acceptance of bid hereinafter defined and those general conditions and special conditions that may be added.
 - (ii) The term *the contractor* shall mean the person, firm or company with whom the order for supply is placed. In the case of the person, it shall be deemed to include his successors, heir and legal representatives where the context so admits.
 - (iii) The term *delivery* shall mean delivery by the dates and the places specified in the bid form and/or order/issued after the acceptance letter from time to time of stores which are acceptable by the Indenting officer/the **HEAD, DEPARTMENT OF BOTANY, MOHANLAL SUKHADIA UNIVERSITY, UDAIPUR 313001 (RAJASTHAN)** or the central stores purchase committee of the University and not the submission of stores which are not to the required standard.
 - (iv) The term *Purchase Committee* shall mean the Committee for purchase constituted by the MLS University.
 - (v) The term *bid* means tender and *bidder* means tenderer.
 - (vi) The terms 'Bid deposit' and 'Earnest money deposit' have same meaning.
2. The bids should be sent to **HEAD, DEPARTMENT OF BOTANY, MOHANLAL SUKHADIA UNIVERSITY, UDAIPUR 313001 (RAJASTHAN)** under a registered A.D. cover or speed post etc. duly sealed and marked with the item name of the bid, bid Code No., due date so as to reach before the due date and time. If bids are delivered by hand, a receipt should be obtained. Any bid received after the due date and time shall not be considered. The bids will be opened on the date and time mentioned in the bid documents before the members of a committee appointed for this purpose by the **Head, Department of Botany, or Comptroller of M.L.S. University Udaipur**. Bidders are at liberty to be present or authorize not more than one representative to be present at the time of opening of bids on the above-mentioned date and time.
3. Bidder will have to submit invariably an income tax clearance certificate from the income tax officer of the circle concerned along with the technical bid. The bid should be filled in blue/black ink or typed. No bid, filled in pencil shall be considered.
4.
 - i. Rates must be written both in words and figures. There should be no alterations or over writing in the bid and information given in the bid should be in unambiguous language. Where any alteration is made, it should be made clearly and should be dated and initialed by the Bidder



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- failing which such quotations will be ignored. No paper shall be detached from the bid form.
- ii. Rates quoted must be F.O.R Department of Botany, MLSU and include all charges and taxes.
 - iii. If any time during the period of contract the contractor reduces the sale price of such stores to any other person at a price lower than the price approved under the bid, he shall forthwith notify such reduction or sale to the **HEAD, DEPARTMENT OF BOTANY, MOHANLALSUKHADIA UNIVERSITY, UDAIPUR 313001 (RAJASTHAN)** and the price payable under the contract for the stores supplied after the date of coming into force of such reduction in sale shall be correspondingly reduced.
5. The successful Bidder shall furnish certificate to the effect that the provision of this clause has been fully complied with respect to supplies made or billed for up to the date of certificate. The successful Bidders shall furnish this certificate to **HEAD, DEPARTMENT OF BOTANY, MOHANLALSUKHADIA UNIVERSITY, UDAIPUR 313001 (RAJASTHAN)** at the beginning and every six months thereafter during the currency of the contract and at the end of the contract period that they had complied with this clause of the conditions.
6. The Bidder is not expected to quote for more than one quality where the specification are fairly clear and not more than two in any case. If any bid will quote for more than two qualities, his rates may not be considered at all in respect of those items.
7. Bid and offers of the firm shall be valid for a period of six months from the date of opening of financial bids.
- 8.
- i. Bidders are hereby explicitly warned that the individual signing the bid must specify as follows:-
 - (a) Whether signing as Sole Proprietor of the firm.
 - (b) Whether signing as a registered active partner of the firm.
 - (c) In the case of Companies and Registered firms whether signing as Secretary, Manager, Partner, Director, etc. and how individuals so signing are authorized to do so. A copy of the document under which such authority is given should be submitted with the bid, if a copy has not already been sent to **HEAD, DEPARTMENT OF BOTANY, MOHANLALSUKHADIA UNIVERSITY, UDAIPUR 313001 (RAJASTHAN)**, the bid will be rejected or contract will be cancelled
 - ii. Except specified places, Bidder should sign the bid form at the end of the first and last pages of the bid as a token of his acceptance of all the terms and conditions of the bid. The bidder should also sign at each page of the bid on which rates are quoted and also at all the specified places.
 - iii. If the Bidder rescinds from his offers or puts new terms after opening of the bid, his earnest money is liable to be forfeited.
 - iv. The submission of more than one bid for the one and same category and under different names is prohibited. If it is discovered that this condition has been violated, the bid will be rejected or contract will be cancelled and the earnest money (Bid deposit) or security deposit(s) will be forfeited by the University.



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9. The bid must be accompanied by an earnest money (bid deposit) as demanded in the tender without which it will not be considered and rejected outright. The bid form fee and earnest money should be remitted in any one of the following forms **must be submitted along with the technical bid:-**

- (i) Deposit Receipt of the recognized banks, which should be made in the name of **HEAD, DEPARTMENT OF BOTANY, MOHANLALSUKHADIA UNIVERSITY, UDAIPUR 313001(RAJASTHAN)**.
- (ii) Bank Drafts, of any scheduled bank in the name of **HEAD, DEPARTMENT OF BOTANY, MOHANLAL SUKHADIA UNIVERSITY, UDAIPUR 313001 (RAJASTHAN)**. (Payable at Udaipur)
- (iii) Cheque and FDR are not acceptable in any case.

Further, it is emphasized that no bid will be considered without earnest money (bid deposit) and if it is not in the form specified above. Request for adjustment of previous security/earnest money or deduction of amount from the earnest money from pending bills will not be considered.

The earnest money will be refunded to an unsuccessful Bidder after final acceptance of the bid for these firms, whose bids are accepted. Earnest money will be retained as security for the full period of contract and it will be refunded within six months after the expiry of contract, provided there is no complaint from any of the purchasing officers in University.

10. Successful Bidders will have to execute an agreement in the prescribed form with the **HEAD, DEPARTMENT OF BOTANY, MOHANLALSUKHADIA UNIVERSITY, UDAIPUR 313001 (RAJASTHAN)**, on a non-judicial stamp paper of Rs. 500/- which will be purchased by the contractor in his name and on his own cost, within period specified in the letter from the date on which the acceptance of the bid is communicated to him.
11. The contractor will be held responsible for goods being sufficiently and properly packed for transport by air, rail, or road transport so as to ensure their being free from loss and breakage till the delivery of goods at the stores of the purchasing officer. All packing cases, containers and other allied materials shall be supplied free of cost by the contractor and the same will not be returned to him. If he so desires, the contractor may insure valuable goods and loss or damage, breakage, leakage or shortage discovered at the destination by the consignee, the contractor shall be liable to make the same good at his own cost. The contractor may keep or depute any of his representatives to watch any damage or loss discovered at the destination to verify the same if he so likes for his satisfaction.
12. The successful bidder shall not assign or sublet the contract or any part thereof to any other party.
13.
 - i All goods must be sent freight paid. If goods are sent not freight paid, the freight together with a penalty of 10% of the freight will be recovered from the supplier's bills.
 - ii Each bale or package shall contain a packing note quoting the acceptance order or supply order No., date and showing its contents in detail.



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- iii Payment for the supply shall be due and payable by the purchasing officer to whom supply is made when the goods is delivered strictly in accordance of the supply ordered and when the goods are found to the standardrequired.
 - iv All the goods supplied shall be of the best quality to the specification, trade mark laid down for them and in strict accordance and equal to the approved standard samples and in case of any material of which there are no standard approved samples shall be of the very best quality and description obtainable in India. The decision of the Purchasing officer, the Central Stores Purchase Committee of the university shall be final as the standard quality of goods and binding upon the bids and in case any of the articles supplied not being approved they shall be liable to be rejected and any expense or loss caused to supplier as a result of rejection of supplies, shall be entirely on contractor'saccount.
 - v The rejected articles must be removed by the bid from the destination where they lie within 30 days from the date of rejection notice. The officials will take reasonable care of such materials but will not be responsible for any loss or damage that may occur to it while it is on their premises.
- 14.
- i The material ordered will have to be supplied normally within one month for General equipment, from the date of placing the order to the concerned authority of Department of Botany, M.L. SukhadiaUniversity.
 - ii The material will have to be delivered at the Department of Botany, Stores Premises in case of localdealers.
 - iii The Purchasing Officer on the request of contractor may, at his discretion, allow extension of time for the period which he considers proper orrefuse.
 - iv In case the supply is not made according to the order in full within the period mentioned in the order the earnest money will beforfeited.
 - v When the Bidder is unable to complete the supply within either the specified or extended period, the purchasing officer shall be entitled to purchase the goods from elsewhere without notice to the Bidder but on his (i.e. Bidder's) account and risk, the goods or any part thereof which the Bidder has failed to supply, or if not available the best and nearestavailable. Substitute thereof or to cancel the contract and the Bidder shall be liable to pay for any loss or damage which the purchasing officer may sustain by reason or such failure on the part of Bidder. But the Bidder shall not be entitled to any gain on such purchase made against default. The recovery of such loss or damage shall be made from any sums accruing to the Bidder under this or any other contract within the university. If recovery is not possible from the bill and Bidder fails to pay the loss or damage within one month of the demand, the recovery shall be made under the Rajasthan Public Demand Recovery Act, 1952 or any other law for the time being inforce.
 - vi While making the risk purchasing the purchasing officer may exercise his own discretion and if possible, resort to limited bid system issuing short term notice irrespective of the valuation of the bid. In all cases, where order is cancelled due to non-supply of goods, it will be treated



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as a breach of the contract and the purchasing officer shall take action accordingly.

Note: It is clarified that purchasing officer may resort to risk purchase without granting any extension as provided in earlier condition.

vii When the contractor is unable to complete the supply within the specified or extended period, the **HEAD, DEPARTMENT OF BOTANY, MOHANLAL SUKHADIA UNIVERSITY, UDAIPUR 313001 (RAJASTHAN)**, shall be entitled to forfeit the earnest money/security money in full or any part as he may deem fit, if no risk purchase have been made as provided above. When the earnest money/security money in full part is proposed to be forfeited, a show cause notice will be given to the contractor to show cause within 10 days for not making the supplies in time and why the earnest money/security money in full or in part should not be forfeited.

15.

i The quantities for the various items in the bid are approximate and the subject to variation. The supplies will have to be made according to requirements as and when orders are placed throughout the contract period.

ii If order are placed in excess of the quantities shown in the bid form, the contractor will be bound to meet the required excess supply up to 50% of the Bid quantity besides that notified in the bid, on the same rates and conditions. If the contractor fails to do so the purchasing officer shall be free to arrange for the balance supply by re-BID or otherwise and the extra cost incurred, shall be recoverable from the defaulting contractor. If the contractor fails to pay it within one month of the demand, the recovery shall be made under the Rajasthan Public Demand Recovery Act., 1952 and other laws in force.

iii If the purchases of the items approved are not made at all or purchases are made less than the quantity indicated in the bid will not be entitled to any claim or compensation whatsoever on his account.

16.

i. All articles supplied shall strictly conform to the specifications laid down in the bid form. The decision of the purchasing officer /central stores purchase committee whether the articles supplied confirm to the specification and are in accordance with the bid shall be final and binding on the contractor.

17. The contractor for the supply can be repudiated at any time by the **HEAD, DEPARTMENT OF BOTANY, MOHANLAL SUKHADIA UNIVERSITY, UDAIPUR 313001 (RAJASTHAN)**, if the supplies are not made to his satisfaction after giving an opportunity to the contractor of being heard and the reason of repudiation shall be recorded by the Comptroller, Mohanlal Sukhadia University, Udaipur.

18. Remittance charges on payment made to the firms will be borne by the firms or the contractor.

19. Bidders are requested to send with their bids printed descriptive literature, catalogue, photo literature of the articles if any for convincing about the quality and usage of the articles but direct/indirect canvassing on the part of Bidders or their representatives after the submission of the bid shall disqualify their bids.



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20. **HEAD, DEPARTMENT OF BOTANY, MOHANLALSUKHADIA UNIVERSITY, UDAIPUR 313001 (RAJASTHAN)** is not bound to accept the lowest Bid and may reject any or all Bids without assigning any reason thereof. Other terms and conditions laid down under the RTPP Act, 2012 and RTPP Rules, 2013 as amended and mentioned in the Bid documents shall be applicable.

21. It is made clear that bid must be submitted accurately in accordance with the conditions of the bid and the necessary documents must be invariably be enclosed where demanded. In the event of non-submission of these essential documents, the bid shall not be considered and shall be treated as rejected without notice or any reference. The following documents when furnished must hold good for the entire period of the bid, failing which these will be considered as invalid documents: -

Documents to prove the capacity of the Bidder as: manager/proprietor/partner/managing partner/director/secretary/ sole distributor /manufacture.

All documents be submitted in original or copies of the original documents can be acceptable only if these are attested by the "notary public "or Govt." gazetted officers." Self-attested or unattested copies of such documents will not be considered valid.

22. The Bidder should not quote their own conditions while submitting the bids. Any counter condition or counter proposals submitted by the Bidder will not be considered at all. If the Bidder imposes condition which are in addition to or in conflicting with the conditions mentioned herein, his bid is liable to summary rejection. The firms intending to get their counter or extra conditions accepted should not submit bid at all. In other words, the firm who agrees to the contents of all the conditions of the bid need to submit the bid and when once the bid is submitted it will be considered that the Bidder agrees to all the terms and the conditions of the bid.

23. Legal proceedings, if any, arising out of this bid shall have to be lodged in courts situated in Udaipur and not elsewhere.

24. Bidders are expected to satisfy themselves that they will be able to supply the articles quoted by them in all circumstances, in case their bids are accepted. No plea that the manufacturer has either stopped the manufacturing or has increased the prices or that the items is not being imported due to certain difficulties, will be considered. The successful bidder will be bound to supply the ordered articles in all circumstances and on the approved rates only.

25. Bid must be submitted on the appropriate bid forms only which can be obtained on payment basis from the **HEAD, DEPARTMENT OF BOTANY, MOHANLALSUKHADIA UNIVERSITY, UDAIPUR 313001 (RAJASTHAN)** as specified in the beginning of this document. The cost of bid forms will not be returned in any case. The whole set of bid forms should be submitted after quoting the prices of each items in the space provided. No items should be left blank, if the Bidder does not wish quote for some items, words: "NO QUOTATION" against such items should be mentioned. Bidder should keep one copy of the bid form, out of the two supplied to him as his office copy.

26. Where a particular make or size is stated in the bid form no alternative should be suggested



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- which will be ignored and the Bidder shall be assumed to have quoted for the items and their specification mentioned in the bid form.
27. The decision of **HEAD, DEPARTMENT OF BOTANY, MOHANLALSUKHADIA UNIVERSITY, UDAIPUR 313001 (RAJASTHAN)** in all matters pertaining to the bid will be final and binding upon the Bidders.
 28. No sooner the Bidders are informed of the acceptance of the bid than the approved bidder shall have to deposit the security money at the rate of 5% of the total value of the quality of the articles mentioned in the bid. No extra amount of security money shall be demanded from the bidder for such approved articles exceeding Rs.1,00,000/-.
 29. The earnest money deposited at the time of submission of bid will be automatically converted into security money and if the amount of security is more than the earnest money deposited then the remaining amount of security money will have to be remitted by the contractor. Similarly if the amount of security money comes less than the earnest money deposited, then the required security money be kept and the rest may be refunded.
 30. The Bidder shall, on intimation of acceptance of the bid from **HEAD, DEPARTMENT OF BOTANY, MOHANLALSUKHADIA UNIVERSITY, UDAIPUR 313001 (RAJASTHAN)**, submit an agreement bond on non-judicial stamp of Rs 1000/- or 500/- (depending upon 0.025% of order value) for prompt supplies, within period specified in the letter and also deposit the amount of security money if required under above terms and condition along with the agreement bond failing which the earnest money deposited with the bid will be forfeited.
 31. The provisions of **RTPP Act, 2013** and amendments thereto shall be applicable for this procurement. Furthermore, in case of any inconsistency in any of the bidding document with the RTPP Act, 2018 (second amendment) and Rules thereto (amended upto 25-07-2019), the later shall prevail.

**SIGNATURE OF AUTHORISED SIGNATORY
RUBBER STAMP OF THE FIRM**



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SPECIAL TERMS AND CONDITIONS

1. Bid should be sent to the **HEAD, DEPARTMENT OF BOTANY, DURGA NURSERY ROAD, UNIVERSITY COLLEGE OF SCIENCE, MOHANLALSUKHADIA UNIVERSITY, UDAIPUR 313001 (RAJASTHAN)**, under a Registered cover or by speed post etc. in a double cover envelope duly sealed and marked the item No., Item Name and bid No, Due Date so as to reach this office on or before due date and time. There must be two envelopes inside the outer single envelope containing bids submitted by the bidder.
 - (i) TECHNICAL bid in a sealed envelope containing all technical documents and supporting documents. Kindly put company/firms stamp on all documents. PLEASE DO NOT ENCLOSE/QUOTE PRICE/COST WITH THE TECHNICAL BID DOCUMENTS. TECHNICAL BID WILL BE REJECTED IF THE FIRM QUOTES RATES WITH ANY TECHNICAL BID DOCUMENT. **Further, the EMD and tender fee must be enclosed along with technical bid.**
 - (ii) FINANCIAL BID should be in a separate sealed envelope containing financial bid form. All rates must be quoted without any corrections. Bids without all the above documents will be rejected and no further communication will be entertained by the University.

TECHNICAL BID WILL BE OPENED ON THE DAY OF OPENING OF BIDS. FINANCIAL BID WILL BE OPENED AFTER TWO DAYS OR SO. THE DAY & TIME WILL BE ANNOUNCED DURING THE OPENING OF TECHNICAL BIDS.

2. The inner and outer bid envelopes shall
 - i. bear the name and address of the Bidder
 - ii. should be addressed to the bidding authority
 - iii. bear the specific identification of this bidding process pursuant to tender and any additional information as specified in the bidding document
 - iv. bear a warning not to open before the time and date for bid opening, in accordance with the conditions of tender
3. In case the bids are not received from sufficient number of firms up to the stipulated day and time, last date for receiving and opening the bids can be extended by the University.
4. Refund of Earnest Money/ Security Deposits
 - i The earnest money of unsuccessful bids shall be refunded soon after final acceptance of bids.
 - ii The security deposit shall be refunded within one month of the completion of supply of the items as per purchase order in case it is one time purchase and two months in case the delivery is staggered. It will, however, be refunded on the expiry of guarantee/warranty period where there is condition of guarantee/warranty.
5. The successful Bidder shall be required to deposit an amount of security equal to 5% of the value of the order placed with them and execute an agreement with the University on a non-judicial stamp paper (Rs. 1000/- or Rs 500/- depending upon 0.025% of order value) for supply, installation, maintenance, service as per bid rules. The Security deposit shall be refunded after six months of the expiry of the agreement contract subject to its successful completion to the satisfaction of the purchasing officer.



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6. **Forfeiture of Earnest Money:** The earnest money shall be forfeited in the following cases.
 - i When the Bidder withdraws or modifies the offer after opening of bid/before acceptance of bids.
 - ii When he does not execute the agreement, if any, prescribed within the specified time.
 - iii When he fails to commence the supply of the items as per purchase order within the time prescribed.
 - iv When the Bidder does not deposit the security money after the purchase order is issued by University.
7. **Forfeiture of security deposit:** Security deposit shall be forfeited in the following cases.
 - i. When any terms and conditions of the contract are infringed.
 - ii. When the Bidder fails to make complete supply satisfactorily.Notice will be given to the Bidder with reasonable time before earnest money or security deposit deposited by defaulter bidder is forfeited.
8. The bid rates must be valid for a period of six months from the date of opening the financial bid. If the rates quoted are not valid for the above period, Bidder should mention the same explicitly in their offer. However, in the event of downward trend in the rate, university reserves the right to negotiate the rate or reduce the validity of the rate.
9. **HEAD, DEPARTMENT OF BOTANY, MOHANLALSUKHADIA UNIVERSITY, UDAIPUR 313001 (RAJASTHAN)** reserves the right to accept any bid, not necessarily the lowest, reject any bid without assigning any reason and accept any bid for all or any one or more items for which bid has been submitted.
10. In case the rates quoted by all the Bidders are very high, or do not suit to the University, negotiation can be conducted with all qualified Bidders for reducing the quoted rates.
11. The contract can be repudiated at any time by **HEAD, DEPARTMENT OF BOTANY, MOHANLALSUKHADIA UNIVERSITY, UDAIPUR 313001 (RAJASTHAN)** if the Purchase order is not executed in time and or to satisfaction after giving an opportunity to the contractor (bidder) for being heard.
12. The bid must be submitted accurately in accordance with the conditions of the bid and all the enclosures (duly signed and stamped) must be attached along with the bid as demanded otherwise the bid will be rejected.
13. Legal proceedings if any arising on this bid shall have to be lodged in the courts situated in Udaipur and not elsewhere.
14. The Bidder should not quote their own (means counter) conditions while submitting the bid. Any counter conditions or counter proposals submitted by the Bidder will not be considered at all. If a Bidder imposes conditions mentioned herein his bid is liable to summarily rejection. The firms intending any conditions shall not be considered in any case.
15. **RATES MUST BE QUOTED IN THE FINANCIAL BID FORM ONLY.** Rates must be quoted against each item in the bid form. Bidder should not quote the rates like open bid type. Rates quoted at any place other than bid form will not be considered.
16. **Rate must be quoted FOR Udaipur and as per financial bid form requirement.** The firm is bound to complete custom clearance and the ordered material will have to be delivered the purchaser's office at the **suppliers cost and arrangement.**



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17. **Price Evaluation:** The Procuring Entity reserves the right to evaluate the price of basic rotary evaporator and /or total price of basic rotary evaporator plus optional items.
18. Bidders are required to mention clearly the components and rate of GST along with total cost in the bidform.
19. **Delivery and Documents:**

Delivery of the goods should be made within 02 months from the date of placement of purchase order. Within 24 hours of shipment, the supplier shall notify the purchaser and the insurance company by e-mail the full details of the shipment including contract number, railway receipt number/ AAP etc. and date, description of goods, quantity, name of the consignee, invoice etc. The supplier shall mail the following documents to the purchaser with a copy to the insurance company:

 - Three Copies of the Supplier invoice showing contract number, goods' description, quantity.
 - Unit price and total amount.
 - Insurance Certificate, if applicable.
 - Manufacturer's/Supplier's warranty certificate.
 - Two copies of the packing list identifying the contents of each package.
 - The above documents should be received by the Purchaser before arrival of the Goods (except where the Goods have been delivered directly to the Consignee with all documents) and, if not received, the Supplier will be responsible for any consequent expenses
20. If the Bidders fails to deliver the goods within the period specified in the purchase order, the purchase officer shall make following deductions (or as per latest cost orders in this regard)
 - (a) Delay upto 1/4th of the time period of supply:2.5%
 - (b) Delay 1/4th and above but less than 1/2 of supply period:5%
 - (c) Delay 1/2 and above but less than 3/4th of the supply period:7.5%
 - (d) Delay more than 3/4th of the time period of supply:10%

If the delay is more than 30 days from the period of supply mentioned in the order, department/purchasing officer may deduct amount after evaluating loss due to the delay.
21. If the ITEMS supplied by the Bidder fail during the warranty period, the supplier is required to repair/replace faulty devices or components. If the ITEMS show frequent failure and requires frequent repair during warranty period, the supplier is required to replace the system free of cost.
22. University will not accept any advance payment terms of the Bidder. University will prefer complete payment against satisfactory installation of the items. Purchase orders costing more than Rs 1,00,000/- will be normally counter-signed by the Comptroller M.L.S University, Udaipur.
23. All Bidders are required to fill the enclosed Performa for Technical and general information form and technical literatures of all item quoted. Bidders are required to show the specifications mentioned in the bid form in their technical literature sheets by marking the relevant specifications.
24. Quantities mentioned in the bid form are based on requirements received from different departments/Units. Purchase orders will be released by these departments as per their requirement and payment for the same will be made by the DDO's concerned. Contractor will be required to make payment performance security (5% of order value) deposit to the concerned DDO's and submit copy of all the purchase orders received by them to the Head,



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Department of Botany, M.L.S.U., Udaipur for release of security deposit and other official requirements.

OFFERS WITHOUT MANUFACTURERS PRINTED TECHNICAL LITERATURE OR TECHNICAL LITERATURE CERTIFIED BY THE MANUFACTURER MAY BE REJECTED.

- (a) ENCLOSE Product Catalog/Brochures with Detailed Technical Specifications. If the technical specifications are not provided, the offer may be rejected.
 - (b) Mention Make & Model No. of the Product in the bid form.
 - (c) The manufacturer of the lab equipments must be a reputed firm. The firm must have a good network of dealers; maintenance centers/service centers all over the country. The manufacturer must have been in the business for during last five years and the manufacturer must be ISO Certified.
 - (d) Bidder must have an authorized service center facility in Udaipur (Rajasthan).
25. MLSU-Udaipur currently holds DSIR certificate and tax rate should be in accordance to the DSIR certificate. DSIR certificate could be provided to bidder at the time of purchase if needed.
26. The Income Tax will be deducted from the bill OR as per Central /State Govt. Rules at the time of payment by the concern DDO's. The payment for supply of items will be made after successful execution of complete order.
27. A Bidder requiring any clarification of the Bidding Document shall contact the Procuring Entity in writing at the Procuring Entity's address indicated in the BDS and E-mail id mukeshmeenamlsu@gmail.com. The Procuring Entity will respond in writing to any request for clarification within two days, provided that such request is received no later than 05 (five) days prior to the deadline for submission of Bids.

I/We hereby declare that I/We read carefully all the above-mentioned Special Terms & Conditions and I/We agree to confirm the above the term/ conditions.

Place.....

Date.....

**SIGNATURE OF THE TENDERER
WITH RUBBER STAMP**



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COMPLIANCE OF THE SPECIFICATIONS

TENDER NO.: BOT/MM/SURE/2024/11

DATE: 29.08.2024

(The bidder must write Yes/ No against each specifications of the equipment. In case of any deviation, bidders need to mention explicitly)

S. No.	Name of Article and Brief Description of the Functionalities	Compliance	Remarks, If any
1.	<p><u>Thermal Cycler</u></p> <ul style="list-style-type: none">• The equipment must have the ability to maintain a block temperature range of 4°C to 99°C or better• Annealing temperature gradient of 30°C or better• The block supplied with the equipment must be able to accommodate 96 x 0.2 mL tubes / 12 x 0.2 mL PCR strips / 1 x 96 well PCR plate• The system should have the required onboard / extended memory to store at least 10000 protocols• USB storage should be supplied along with the equipment• A protocol editor system should be available to create and edit new reaction cycles• A graphical user interface based on a touch screen panel is necessary for user input• The equipment should have at least 1-2 USB ports for input / output of protocol data• The cycler should be compatible with commonly used reagents / plasticware and must not be specific to a particular brand of labware• Must have auto-restart feature after power interruption• Ramp rate must be adjustable• Must have heated lid with provision to adjust temperature up to 105°C or better• A ramp rate of at least 4°C or better• Temperature accuracy of 0.3 - 0.5°C or better• Temperature uniformity of 0.3 - 0.5°C or better• Link of the manufacture's website should be provided to cross check the specification <p>*Manufacturer should be ISO certified **Warrantee 3 years or more</p>		
2.	<p><u>Electrophoresis Unit</u></p> <ul style="list-style-type: none">• Should be UV Transparent gel tray with an integrated fluorescent ruler & safety lid• Should be having universal gel caster to fit different size		



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<p>of gel tray.</p> <ul style="list-style-type: none">• Same buffer tank should accommodate different sizes of gel tray.• Multiple options for hand casting gels of different sizes• Combs to fit virtually every need-multichannel pipette compatible combs, fixed height combs, adjustable height combs, and preparative combs• Easy to replace electrode cassettes• IEC 1010(EN 61010) Electrical safety certification. <p>A. Horizontal Gel Electrophoresis System</p> <ul style="list-style-type: none">• Main Unit with buffer tank with single molding casted• UV Transparent Gel tray size 15 X 10 cm or more• Gel caster,• 15 well and 20 well combs, other sizes of combs can be quote optionally.• It could accommodate other gel tray size like 15 x 7 cm or more• Can run 10 - 60 samples or more samples• Buffer volume: approx 650 mL or more• Cell Size : 17.0 x 25.0 x 6.0 cm or above size• Ready Agarose gel accommodated: Yes <p>B. Vertical Gel Electrophoresis System</p> <ul style="list-style-type: none">• Number of gels: 1 – 2• 10-well combs: 5 or more• mm spacer plates (5 plates per box): 2 box or more than 2• Short plates (5 plates per box): 2 box or more than 2• Casting stands: 2 or more• Casting frames: 4 or more• Total buffer volume for 2 gels: 800 mL or above• Electrode assembly, tank, lid with power cables, mini cell buffer dam <p>C. Power Supply</p> <ul style="list-style-type: none">• Volts: 10-300 V or above >300 V• Current: 4-400 mA• Power: 75 W or above• Type of output: Constant current, Voltage• Timer: 1-99 hrs• Programmable• No of output: 4 or more• Safety features like No load detection, sudden load change detection, overload/short circuit detection, over voltage detection.• Operating temperature: 0 – 40°C• Display: 3 digits LED or more than 3 digits• Link of the manufacture's website should be provided to		
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	<p>cross check the specification</p> <ul style="list-style-type: none">*Manufacturer should be ISO certified*All quoted items should be from same manufacturer*Warrantee 3 years or more		
3.	<p><u>Specification Rotary vacuum evaporator</u></p> <ul style="list-style-type: none">• 4 L or above heating bath with digital temperature display and carrying handles. Integrated safety lift-out function in case of power failure• Heating bath for up to 180°C or above.• Locking button for fixing heating bath temperature.• Mechanical lift end-point safety stop.• Locking mechanism with red indicator shows unlocked position of the vapor tube.• Device should have variable adjustable immersion angle and stroke of 120 mm or more.• Single-handed semi-automatic push button-based lift handling, suitable for left and right-handed operators.• Digital speed display with speed range of 5 - 300 rpm / above.• Flask clamping mechanism with integrated push-off function for easy exchange of evaporation flasks.• Rotary Evaporator with condenser having 1 litre Evaporating flask and 1 litre receiving flask (1 set extra of both flasks of same make, extra clamps (10 nos) to hold both flasks.• High-efficiency condenser with 1500 cm² or above cooling surface - low space requirements.• IP 20 protection class.• Low device voltage (24V) ensures user safety.• Should have efficient insulation. <p>A. Specification recirculating chiller</p> <ul style="list-style-type: none">• Cooling unit with 350 W or above cooling capacity @10°C or above• Environment friendly CFC free hermetically sealed compressor• LED display.• Designed for cooling applications up to -10°C at Room temperature• Excellent temperature stability of about ± 0.5K or less• Pump pressure 0.35 bar and suction of 0.15 bar and with flow rate of 18.0 l/min• Filling level indicator• The high-quality 3.0 l bath has an integrated filling and drain valve, ensuring a safe and clean handling of the thermo fluid.• The easy-to-open flap allows an easy cleaning of the stainless steel mesh air filter.		



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<ul style="list-style-type: none">• RS 232 and USB interface• IP protection• Electrical Requirement should be 220V 50HZ. <p>B. Vacuum pump and Vacuum controller</p> <ul style="list-style-type: none">• Diaphragm speed controlled vacuum pump with integrated removable wireless vacuum controller.• Four suction level with suction capacity of Minimum 1.3 m³/h and ultimate vacuum of 5 mbar or better.• Pressure controller and a dial gauge for vacuum monitoring supplied along with the pump.• Should fit with gas ballast valve to prevent condensation and flushing the pump.• Digital Vacuum Controller should be provided along with the vacuum pump with timer function, display of set and actual value of pressure settings.• Pump should have self-cleaning function.• Pump should have USB and RS 232 interface.• PTFE layered Two-stage Diaphragm pump, oil free, protection against aggressive solvents.• Motor rpm should be 3000 rpm or better.• Bearing should be maintenance free.• Vacuum pump should have pump % mode of operation.• Inbuilt solvent library• The Pump system should include a downstream vacuum safety emission condenser. <p>*Manufacturer should be ISO certified *All quoted items should be from same manufacturer *Warrantee 3 years or more</p>		
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Note

- Before opening of financial bid, the demonstration of the instrument must be required. If bidder fail to give the demonstration than we can cancel the bidder tender.
- The manufacturing firm should have ISO/CE certificate.
- Manufacturer should have experience at least 10 years or more in instrument manufacturing
- Manufacturer should have same model user' list at least 10 or more in Government Institute in Rajasthan (User's List Must attach with tender)
- All the relevant and supporting documents shall be provided for the evaluation of technical bids.
- Price must be quoted in INR Including all other Taxes like GST.

Signature of the Authorized Signatory
Rubber stamp of the firm



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TECHNICAL BID FORM

TENDER NO.: BOT/MM/SURE/2024/11

DATE: 29.08.2024

Item Name: Thermal Cycler (Gradient), Electrophoresis Unit, Rotary vacuum evaporator and Analytical Balance

S. No.	Particulars	Information to be provided by the bidder
1	Name, brand name and model number of the item Quoted	
2	Name of the Bidder with complete address & Telephone number	
3	Details of Earnest Money Deposit made	
4	Registration Number & Date of establishment of the bidder firm	
5	Name and address of the Principal firm (System Vendor /Manufacturer) Attach valid authorized dealer certificate from principal firm	
6	Warranty Period for the Instruments Quoted (Minimum three Years required)	
7	Attach Technical Manual/Specification Sheet published by the Manufacturer (it is mandatory to attach Technical Specification Sheet/Technical Manual) failing which Tender will be rejected.	
8	No of years of experience in providing the supply, Installation and after sales service.	
9	Attach (a) certificate for installation (b) Copy of purchase orders, from 05 (five) Central Government Institutions and/or Rajasthan State Government Institutions of last 2 financial years.	
10	Average turnover of rupees INR 9.0 lakhs in previous three financial year of Firm is required.	
11	GST Registration Number & date.	
12	PAN number of the firm	
13	Whether the firm is black listed from any Govt. Institution/University Rs. 100/-non-judicial stamp	

Signature of the Authorized Signatory
Rubber stamp of the firm



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FINANCIAL BID FORM

TENDERNO.:BOT/MM/SURE/2024/11

DATE:29.08.2024

Name of Bidder:

Address:

Item Name: Thermal Cycler (Gradient), Electrophoresis Unit, Rotary vacuum evaporator and Analytical Balance

S. No.	Name of Article and Brief Description of the Functionalities	Quantity	Cost in INR per Unit (including 18% GST)
1.	<p><u>Thermal Cycler</u></p> <ul style="list-style-type: none">• The equipment must have the ability to maintain a block temperature range of 4°C to 99°C or better• Annealing temperature gradient of 30°C or better• The block supplied with the equipment must be able to accommodate 96 x 0.2 mL tubes / 12 x 0.2 mL PCR strips / 1 x 96 well PCR plate• The system should have the required onboard / extended memory to store at least 10000 protocols• USB storage should be supplied along with the equipment• A protocol editor system should be available to create and edit new reaction cycles• A graphical user interface based on a touch screen panel is necessary for user input• The equipment should have at least 1-2 USB ports for input / output of protocol data• The cycler should be compatible with commonly used reagents / plasticware and must not be specific to a particular brand of labware• Must have auto-restart feature after power interruption• Ramp rate must be adjustable• Must have heated lid with provision to adjust temperature up to 105°C or better• A ramp rate of at least 4°C or better• Temperature accuracy of 0.3 - 0.5°C or better• Temperature uniformity of 0.3 - 0.5°C or better• Link of the manufacture's website should be provided to cross check the specification	1	
2.	<p><u>Electrophoresis Unit</u></p> <ul style="list-style-type: none">• Should be UV Transparent gel tray with an integrated fluorescent ruler & safety lid• Should be having universal gel caster to fit different size of gel tray.• Same buffer tank should accommodate different sizes of gel tray.• Multiple options for hand casting gels of different sizes	1	



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	<ul style="list-style-type: none"> • Combs to fit virtually every need-multichannel pipette compatible combs, fixed height combs, adjustable height combs, and preparative combs • Easy to replace electrode cassettes • IEC 1010(EN 61010) Electrical safety certification. <p>A. Horizontal Gel Electrophoresis System</p> <ul style="list-style-type: none"> • Main Unit with buffer tank with single molding casted • UV Transparent Gel tray size 15 X 10 cm or more • Gel caster, • 15 well and 20 well combs, other sizes of combs can be quote optionally. • It could accommodate other gel tray size like 15 x 7 cm or more • Can run 10 - 60 samples or more samples • Buffer volume: approx 650 mL or more • Cell Size : 17.0 x 25.0 x 6.0 cm or above size • Ready Agarose gel accommodated: Yes <p>B. Vertical Gel Electrophoresis System</p> <ul style="list-style-type: none"> • Number of gels: 1 – 2 • 10-well combs: 5 or more • mm spacer plates (5 plates per box): 2 box or more than 2 • Short plates (5 plates per box): 2 box or more than 2 • Casting stands: 2 or more • Casting frames: 4 or more • Total buffer volume for 2 gels: 800 mL or above • Electrode assembly, tank, lid with power cables, mini cell buffer dam <p>C. Power Supply</p> <ul style="list-style-type: none"> • Volts: 10-300 V or above >300 V • Current: 4-400 mA • Power: 75 W or above • Type of output: Constant current, Voltage • Timer: 1-99 hrs • Programmable • No of output: 4 or more • Safety features like No load detection, sudden load change detection, overload/short circuit detection, over voltage detection. • Operating temperature: 0 – 40°C • Display: 3 digits LED or more than 3 digits • Link of the manufacture's website should be provided to cross check the specification 		
3.	<p><u>Specification Rotary vacuum evaporator</u></p> <ul style="list-style-type: none"> • 4 L or above heating bath with digital temperature display and carrying handles. Integrated safety lift-out function in 	1	



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<p>case of power failure</p> <ul style="list-style-type: none">• Heating bath for up to 180°C or above.• Locking button for fixing heating bath temperature.• Mechanical lift end-point safety stop.• Locking mechanism with red indicator shows unlocked position of the vapor tube.• Device should have variable adjustable immersion angle and stroke of 120 mm or more.• Single-handed semi-automatic push button-based lift handling, suitable for left and right-handed operators.• Digital speed display with speed range of 5 - 300 rpm / above.• Flask clamping mechanism with integrated push-off function for easy exchange of evaporation flasks.• Rotary Evaporator with condenser having 1 litre Evaporating flask and 1 litre receiving flask (1 set extra of both flasks of same make, extra clamps (10 nos) to hold both flasks.• High-efficiency condenser with 1500 cm² or above cooling surface - low space requirements.• IP 20 protection class.• Low device voltage (24V) ensures user safety.• Should have efficient insulation. <p>A. Specification recirculating chiller</p> <ul style="list-style-type: none">• Cooling unit with 350 W or above cooling capacity @10°C or above• Environment friendly CFC free hermetically sealed compressor• LED display.• Designed for cooling applications up to -10°C at Room temperature• Excellent temperature stability of about ± 0.5K or less• Pump pressure 0.35 bar and suction of 0.15 bar and with flow rate of 18.0 l/min• Filling level indicator• The high-quality 3.0 l bath has an integrated filling and drain valve, ensuring a safe and clean handling of the thermo fluid.• The easy-to-open flap allows an easy cleaning of the stainless steel mesh air filter.• RS 232 and USB interface• IP protection• Electrical Requirement should be 220V 50HZ. <p>B. Vacuum pump and Vacuum controller</p> <ul style="list-style-type: none">• Diaphragm speed controlled vacuum pump with integrated removable wireless vacuum controller.• Four suction level with suction capacity of minimum 1.3		
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<p>m³/h and ultimate vacuum of 5 mbar or better.</p> <ul style="list-style-type: none"> • Pressure controller and a dial gauge for vacuum monitoring supplied along with the pump. • Should fitted with gas ballast valve to prevent condensation and flushing the pump. • Digital Vacuum Controller should be provided along with the vacuum pump with timer function, display of set and actual value of pressure settings. • Pump should have self-cleaning function. • Pump should have USB and RS 232 interface. • PTFE layered Two-stage Diaphragm pump, oil free, protection against aggressive solvents. • Motor rpm should be 3000 rpm or better. • Bearing should be maintenance free. • Vacuum pump should have pump % mode of operation. • Inbuilt solvent library • The Pump system should include a downstream vacuum safety emission condenser. <p>*Manufacturer should be ISO certified *All quoted items should be from same manufacturer. *Warrantee 3 years or more</p>		
Total in Rs.		900000/-
Amount in Rs. Nine Lakhs Rupees only		

Note

- Before opening of financial bid, the demonstration of the instrument must be required. If bidder fail to give the demonstration than we can cancel the bidder tender.
- The manufacturing firm should have ISO/CE certificate.
- Manufacturer should have experience at least 10 years or more in instrument manufacturing
- Manufacturer should have same model user' list at least 10 or more in Government Institute in Rajasthan (User's List Must attach with tender)
- All the relevant and supporting documents shall be provided for the evaluation of technical bids.
- Price must be quoted in INR Including all other Taxes like GST.

**Signature of the Authorized Signatory
 Rubber stamp of the firm**



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Annexure A: Compliance with the code of Integrity and No Conflict of Interest

Any person participating in a procurement process shall -

- a) not offer any bribe, reward or gift or any material benefit either directly or indirectly in exchange for an unfair advantage in procurement process;
- b) not misrepresent or omit that misleads or attempts to mislead so as to obtain a financial or other benefit or avoid an obligation;
- c) not indulge in any collusion, Bid rigging or anti-competitive behavior to impair the transparency, fairness and progress of the procurement process;
- d) not misuse any information shared between the procuring Entity and the Bidders with an intent to gain unfair advantage in the procurement process;
- e) not indulge in any coercion including impairing or harming or threatening to do the same, directly or indirectly, to any party or to its property to influence the procurement process;
- f) not obstruct any investigation or audit of a procurement process;
- g) disclose conflict of interest, if any and
- h) Disclose any previous transgressions with any Entity in India or any other country during the last three years or any debarment by any other procuring entity.

Conflict of Interest:-

The bidder participating in a bidding process must not have a Conflict of Interest.

A Conflict of Interest is considered to be a situation in which a party has interests that could improperly influence that party's performance of official duties or responsibilities, contractual obligation, or compliance with applicable laws and regulations.

- i. A Bidder may be considered to be in Conflict of Interest with one or more parties in a bidding process if, including but not limited to:
 - a) have controlling partners/shareholders in common; or
 - b) receive or have received any direct or indirect subsidy from any of them; or
 - c) have the same legal representative for purposes of the Bid; or
 - d) have a relationship with each other, directly or through common third parties, that puts them in a position to have access to information about or influence on the bid of another Bidder, or influence the decisions of the Procuring Entity regarding the bidding process; or
 - e) The Bidder participates in more than one Bid in a bidding process. Participation a bidder in more than one Bid will result in the disqualification of all Bids in which the bidder is involved. However, this does not limit the inclusion of the same sub contractor, not otherwise participating as a Bidder, in more than one Bid; or
 - f) The Bidder or any of its affiliates participated as a consultant in the preparation of the design or technical specification of the Goods, works or Services that are the subject of the Bid; or
- Bidder or any of its affiliates has been hired (or is proposed to be hired) by the Procuring Entity as engineer-in-charge/consultant for the contract.



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Annexure B : Declaration by the Bidder regarding Qualifications

Declaration by the Bidder

In relation to my/our Bid submitted tofor procurement of.....in response to their Notice Inviting Bids No.....DatedI/we hereby declare under section 7 of Rajasthan Transparency in public Procurement Act, 2012 (as amended up to July 25, 2019), that:-

1. I/we possess the necessary professional, technical, financial and managerial resources and competence required by the Bidding Document issued by the Procuring Entity.
2. I/we have fulfilled my/ our obligation to pay such of the taxes payable to the Union and the State Government or any local authority as specified in the Bidding Document.
3. I/ we are not insolvent, in receivership, bankrupt or being wound up, not have my/our affairs administered by a court or a judicial officer, not have my/our business activities suspended and not the subject of legal proceedings for any of the foregoing reasons.
4. I/we do not have, and our directors and officers not have, been convicted of any criminal offence related to my/our professional conduct or the making of false statements or misrepresentations as to my/our Qualification to enter in to a procurement contract within a period of three years preceding the commencement of this procurement process. Or not have been otherwise disqualified pursuant to debarment proceeding.
5. I/we do not have a conflict of interest as specified in the Act, Rules and the Bidding Document, which materially affects fair competition;

Date:

Place:

Signature of bidder

Name:

Designation:

Address:



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Annexure C: Grievance Redressal during Procurement Process

The designation and address of the First Appellate Authority: **Head, Department of Botany, Mohanlal Sukhadia University, Udaipur, Rajasthan.**

The designation and address of the second Appellate authority: **The Registrar, Mohanlal Sukhadia University, Udaipur.**

(1) Filing an appeal

If any Bidder or prospective bidder is aggrieved that any decision, action or omission of the Procuring Entity is in contravention to the provisions of the Act or the Rules or the Guidelines issued thereunder, he may file an appeal to first Appellate Authority, as specified in the Bidding Document within a period of ten days from the date of such decision or action, omission, as the case may be, clearly giving the specific ground or grounds on which he feels aggrieved:

Provided that after the declaration of a Bidder as successful the appeal may be filed only by a Bidder who has participated in procurement proceeding:

Provided further that in case a Procuring Entity evaluates the Technical Bids before the opening of the Financial Bids, an appeal related to the matter of Financial Bids may be filed only by a Bidder whose Technical Bid is found to be acceptable.

- (2) The officer to whom an appeal filed under para (1) shall deal with the appeal as expeditiously as possible and shall endeavor to dispose of it within thirty days from the date of the appeal.
- (3) If the officer designated under para (1) fails to dispose of the appeal filed within the period specified in para (2), or if the Bidder or prospective bidder or the Procuring Entity is aggrieved by the order passed by the first Appellate Authority, the Bidder or prospective bidder or the procuring Entity, as the case may be, may file a second appeal to second Appellate Authority specified in the Bidding Document in this behalf within fifteen days from the expiry of the period specified in para (2) or of the date of receipt of the order passed by the First Appellate Authority, as the case may be.

(4) Appeal not to lie in certain cases

No appeal shall lie against any decision of the Procuring Entity relating to the following matters, namely:-

- (a) determination of need of procurement;
- (b) provisions limiting participation of Bidders in the Bid process;
- (c) the decision of whether or not to enter into negotiations;
- (d) cancellation of a procurement process;
- (e) Applicability of the provisions of confidentiality.

(5) Form of Appeal

- (a) An appeal under para (1) or (3) above shall be in the annexed form along with as many copies as there are respondents in the appeal.
- (b) Every appeal shall be accompanied by an order appealed against, if any, affidavit verifying the facts stated in the appeal and proof of payment of fee.



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Every appeal may be presented to First Appellate Authority or Second Appellate Authority, as the case may be, in person or through registered post or authorized representative.

(6) Fee for filing appeal

- (a) Fee for first appeal shall be rupees two thousand five hundred and for second appeal shall be rupees ten thousand, which shall be non-refundable.
- (b) The fee shall be paid in the form of bank demand draft or banker's cheque of a Scheduled Bank in India payable in the name of Appellate Authority concerned.

(7) Procedure for disposal of appeal

- (a) The First Appellate Authority or Second Appellate Authority, as the case may be, upon filing of appeal, shall issue notice accompanied by copy of appeal, affidavit and documents, if any, to the respondents and fix date of hearing.
- (b) On the date fixed for hearing, the First Appellate Authority or second Appellate authority, as the case may be, shall-
 - (i) hear all the parties to appeal present before him; and
 - (ii) peruse or inspect documents, relevant records or copies thereof relating to the matter.
- (c) After hearing the parties, perusal of documents and relevant records or copies thereof relating to the matter, the Appellate Authority concerned shall pass an order in writing and provide the copy of order to the parties to appeal free of cost.
- (d) The order passed under sub-clause (c) above shall also be placed on the state public procurement portal.



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Annexure D: Additional Conditions of Contract

1. Correction of arithmetical errors

Provided that a financial Bid is substantially responsive, the Procuring Entity will correct arithmetical errors during evaluation of Financial Bids on the following basis:

- i. if there is a discrepancy between the unit price and the total price that is obtained by multiplying the unit price and quantity, the unit price shall prevail and the total price shall be corrected, unless in the opinion of the Procuring Entity there is an obvious misplacement of the decimal point in the unit price, in which case the total price as quoted shall govern and the unit price shall be corrected;
- ii. if there is an error in a total corresponding to the addition or subtraction of subtotals, the subtotals shall prevail and the total shall be corrected; and
- iii. if there is a discrepancy between words and figures, the amount in words shall prevail, unless the amount expressed in words is related to an arithmetic error, in which case the amount in figures shall prevail subject to (i) and (ii) above.

If Bidder that submitted the lowest evaluated Bid does not accept the correction of errors, its bid shall be disqualified and its Bid Security shall be forfeited or its Bid Securing Declaration shall be executed.

2. Procuring Entity's Right to vary Quantities

- (i) At the time of award of contract, the quantity of Goods, works or services originally specified in the Bidding Document may be increased or decreased by a specified percentage, but such increase or decrease shall not exceed twenty percent, of the quantity specified in the Bidding Document. It shall be without any change in the unit prices or other terms and conditions contract.
- (ii) If the procuring Entity does not procure any subject matter of procurement or procures less than the quantity specified in the Bidding Document due to change in circumstances, the Bidder shall not be entitled for any claim or compensations except otherwise provided in the Condition of Contract.
- (iii) In case of procurement of Goods or services, additional quantity may be procured by placing a repeat order on the rates and conditions of the original order. However, the additional quantity shall not be more than 25% of the value of Goods of the original contract and shall be within one month from the date of expiry of last supply. If the Supplier fails to do so, the Procuring Entity shall be free to arrange for the balance supply by limited Bidding or otherwise and the extra cost incurred shall be recovered from the Supplier.

3. Dividing quantities among more than one Bidder at the time of award (in case of procurement of Goods)

As a general rule all the quantities of the subject matter of procurement shall be procured from the Bidder, whose bid is accepted. However, when it is considered that the quantity of the subject matter of procurement to be procured is very large and it may not be in the capacity of the Bidder, whose Bid is accepted, to deliver the entire quantity or when it is considered that the subject matter of procurement to be procured is of critical and vital nature, in such cases, the quantity may be divided between the Bidder, whose Bid is accepted and the second lowest Bidder or even more Bidder in that order, in a fair, transparent and equitable manner at the rates of the Bidder, whose Bid is accepted.



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AGREEMENT FORMAT

(To be executed on a non-judicial stamp of Rajasthan state @ Rs.1000)

An agreement made thisday of
betweenhere in after
called as „the Supplier“), which expression shall, where the context so admits, be deemed to include his heirs
successors, executors and administrators of the one part and the Head Department of Botany *Mohanlal Sukhadia
University, Udaipur (Rajasthan)* herein after called „the Procuring Entity“ which expression shall, where the context
so admits, be deemed to include his successors in office and assigns, of the other part.

WHEREAS the Procuring Entity invites Bids for certain Goods and Related Services ,viz.
.....
and has accepted a Bid by the Supplier for the supply of those Goods and Related Services for the sum
of.....(Amount in figures and words).
(Here in after „the Contract Price“).

NOW THIS AGREEMENT WITNESSTH ASFOLLOWS:

1. In this Agreement words and expressions shall have the same meanings as are respectively assigned to them in the Contract referred to.
2. The following documents shall be deemed to form and be read and construed as a part of this Agreement, viz.
 - (a) The Procuring Entity’s Notification to the Supplier of Award of Contract;
 - (b) The Bid Submission Sheet and the Price Schedule including negotiated price, if any, submitted by the Supplier;
 - (c) The Special Conditions of the Contract;
 - (d) The General Conditions of Contract;
 - (e) The SCHEDULE OF Supply;
 - (f) Instructions to Bidders;
 - (g) The Notice Inviting Bids

In the event of any discrepancy or inconsistency within the Contract, the documents shall prevail in the order listed above



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3. In consideration to the payments to be made by the Procuring Entity to the Supplier as indicated in this Agreement, the Supplier hereby covenants with the Procuring Entity to provide the Goods and Related Services and to remedy defects therein in conformity in all respects with the provisions of the Contract.
4. The Procuring Entity hereby covenants to pay the Supplier in consideration of the provision of the Goods and Related Services and the remedying of the defects therein, the Contract Price or such other sum as may become payable under the Provisions of the contract at the times and in the manner prescribed by the Contract.

IN WITNESS whereof the parties hereto have caused this Agreement to be executed in accordance with the laws of the Central and the State Government on the day, month and year first mentioned herein before.

Witness 1

Signed by:

(for the Supplier)

Name

Designation.....

Address

.....

Witness 2

Signed by:

(for the Procuring Entity)

Name

Designation.....

Address

.....



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Mohanlal Sukhadia University, Udaipur
TENDER NOTICE
BOT/MM/SURE/2024/11 Dated: 29-08-2024

Sealed bids are invited on or before 17-09-2024 till 5.00 PM from reputed firms for Thermal Cycler (Gradient), Rotary vacuum evaporator, and Electrophoresis Unit (Estimated cost Rs. 9,00,000/- only). Other details can be downloaded from website www.mlsu.ac.in and <https://sppp.rajasthan.gov.in> or may obtained from the office of undersigned. If date extension of bid required, it will be updated to university website.

NIB CODE.....

UBN No.....

HEAD