

DEPARTMENT OF ZOOLOGY
UNIVERSITY COLLEGE OF SCIENCE
M. L. SUKHADIA UNIVERSITY: UDAIPUR
313001

Email: zooloy@mlsu.ac.in, website: www.mlsu.ac.in

Tel: 0294-2413955, 2250 & 2280 (EPABX)

(Cost of the bid form: Rs 500/- of each item)

PRESCRIBED BID FORM

NOTE:

Bid must be submitted strictly in accordance to all terms and conditions of the bid-notice, bid form of the university, otherwise the bid shall not be considered and shall be rejected out-right as the counter (firm's own) terms and conditions are not accepted in any case. Bidder should read these terms and conditions very carefully and comply strictly while submitting their bids. If a bidder has any doubt regarding the interpretation of any of the terms and conditions or specifications mentioned in those documents, he/she should get these clarified before submitting the bid form the Purchasing Officer, the decision of the purchasing officer regarding the interpretation of the conditions and specifications shall be final and binding on these bids. The purchase is being made as per Rajasthan Transparency in Public Procurement Act/Rules, 2012 and also 2013(GSR97), Finance (G&T) Department dated 24.1.2013.

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

1. Detail about the bidder
2. Schedule of important dates for the tender
3. Technical specification of equipments
4. Eligibility criteria
5. General terms and conditions of bid
6. Special terms and conditions of bid
7. Technical bid form
8. Financial bid form

Submit technical bid and Financial bid separately as per details given under special terms and conditions para(1) in sealed envelopes failing which Tender(Bid) will be rejected.

Please retain one set for your record and submit on complete set duly filled in signed and stamped along with earnest money (Bid deposit) remittance documents.

Encl. as above

HEAD,
DEPARTMENT OF ZOOLOGY

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) & Fax	
Website & E-mail Address	
EMD Bank Draft/Pay Order In the Name of HEAD, DEPARTMENT OF ZOOLOGY, MLSU, UDAIPUR payable at Udaipur. (Cheques /FDR are not acceptable)	The EMD(Refundable) and Bid fee may be paid as follows: EMD +Rs 500/- (for each item)

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 HIS FIRM'S RUBBER STAMP

Summary of the tender

Name of equipments	Quantity	Estimated cost (Lac.)	Earnest Money (Rs.)	Tender Fee (Rs.)
SDS Page Electrophoresis with Power Supply	01	Rs. 1.75	3,500.00	500/- Rs.(for each item separately)
HPLC system	01	Rs. 9.90	19,800.00	
Trinocular Stereozoom Microscope With Photographic attachment	01	Rs. 8 .00	16,000.00	
UV visible double beam spectrophotometer built in pc	01	Rs. 3.25	6,500.00	
Gradient Thermal cycler Unit	01	Rs. 5.50	11,000.00	
Total =		Rs. 28.4	56,800.00	

Schedule of important dates for the tender

S. no.	Events	Date
1.	Date of issue of Notice Inviting Tender (NIT)	06.02.2018
2.	Start date & time for downloading of tender documents	06.02.2018
3.	Last date and time for submission of tender	23.02.2018, 10 AM
4.	Date and time for opening of Financial bid	To be announced later

B. Technical Specification of LABORATORY EQUIPMENTS

S. no.	Items and Specifications	Compliance YES / NO	Deviation if any
1	<p>SDS Page Electrophoresis with Power Supply</p> <p>A. <u>Electrophoresis system</u></p> <ul style="list-style-type: none"> • The system should be capable of accommodating & simultaneously running 1 to 4 mini gels in less than an hour. • The system should be easy to assemble, include a casting stand and glass plates with permanently bonded gel spacers for leak proof casting of gels and avoid messy agarose sealing & tape casting of gels. • The system should be capable of accommodating interchangeable modules for tank transfer, 2-D electrophoresis & electro-elution. • The system should come with molded, one-piece buffer dam when running (only) one or three gels. • The system should come with color coded electrodes to prevent accidental reversal of polarity. • The system should be capable of accommodating 5 well, 8/9 well, 10 well, 15/16 well & Prep/2D combs for sample volumes ranging from 20-150 µl or better. • System should be supplied with a starter kit of acrylamide solution with dissolved fluorescence dye such that the PAGE gel after running does not require any staining for visualizing proteins in gel. • System should be compatible for PreCast Gels and hand cast gels from the same supplier also from different supplier. • The system should be capable of accommodating Gel size (W x L) approximate 8.0 x 7.5 to 10X 10 cm maximum. • The system should have buffer volume approximate 800ml or less. • Should have EN61010 safety • All Specifications available in Manufacturer Brochure <p>B. <u>Power Supply:</u></p> <ul style="list-style-type: none"> • Power Supply with LCD display: Voltage 10-300V or more with 1V increment, Current: Adjustable from 5 to 400 milliamperes (mA) or better in 1 mA increments. Minimum 3 or 4 output or better. Constant voltage or constant current output • Timer control should 1 min-99 hr 59 min, fully adjustable with 1 minute step • Safety features should be there for no-load detection, overload/short circuit protection, overvoltage detection, input line protection, auto power-up after power failure. • All Specifications are available in Manufacturer 		

S. no.	Items and Specifications	Compliance YES / NO	Deviation if any
	Brochure/Catalogue <ul style="list-style-type: none"> • Should have EN61010 safety • CE (US/European) • All Specifications must be available in Manufacturer Brochure • Price Quoted in INR Including GST or Other all Taxes • System Must be US/European Make 		
2	HPLC system <ul style="list-style-type: none"> • Isocratic Pump • Recommended Flow Range (Settable Range) 0.05–10 mL/min (0.001–10 mL/min) • Flow Accuracy $\pm 0.1\%$ • Flow Precision $< 0.05\%$ RSD or < 0.01 min SD, whichever is greater • Pressure Range 2–62 MPa (290–9000 psi) • Pulsation Typically: < 0.2 MPa or $< 1\%$ whichever is greater • Manual Injection Valve analytical/micro, with 20 μL sample loop • Solvent Rack • Variable Wavelength Detector with: <ul style="list-style-type: none"> <i>Data Collection Rate:</i> Up to 100 Hz <i>Noise:</i> $< \pm 3.5$ μAU (typical $< \pm 2.5$ μAU) at 254 nm, time constant 1 s, dry analytical flow cell <i>Drift</i> $< 1 \times 10^{-4}$ AU/h at 254 nm and dry analytical flow cell. <i>Linearity</i> $< 5\%$ RSD at 2.5 AU at 272 nm based on ASTM <i>Light Source</i> Deuterium lamp, tungsten lamp <i>Wavelength Range</i> 190–900 nm <i>Wavelength Accuracy</i> ± 1 nm (over detector lifetime) <i>Wavelength Repeatability</i> ± 0.1 nm <i>Optical Bandwidth</i> 6 nm at 254 nm • Analytical flow cell 11 μL, SST, 10 mm path • CE Certified & ISO 9001 Certified • System: US/European Make • All Specification Must Be Available in Manufacturer Brochure • Upgradable for ECD Detector, Fluorescence Detector, RI Detector & Auto Sampler with Heating and Cooling Facility • Software:- <ul style="list-style-type: none"> Chromatography data system for control, acquisition, processing, & Reporting software. 32-bit software design for Windows Flexible Reporting as users desires for complete Chromatography information Reporting. • Column C18 • Suitable Branded UPS with Half an Hour Backup 		

S. no.	Items and Specifications	Compliance YES / NO	Deviation if any
	<ul style="list-style-type: none"> Price Quoted in INR Including GST and all Other Taxes 		
3	<p>Trinocular Stereozoom Microscope With Photographic attachment</p> <ul style="list-style-type: none"> Zoom Ratio : 9:1 Magnification: 6.1- 55x [1x objective and 10x eyepiece] provide field of view up to 37.6mm for fast, accurate inspection Depth of Field : 12mm very flat (plan) field of view and large depth of field Optics System : complete apochromatic corrected Observation Angle–33 - 35° angle eye tubes - for comfort and convenience Working distance : 120 mm or better working distance (without lens shield) to ensures excellent accessibility to the samples Resolution : up to 250 lp/mm (without supplementary lens, 10x eyepieces), maximum resolution up to 500 lp/mm (2x supplementary lens, 10x eyepieces) – ESD : Minimize risk of ESD (electrostatic discharge) of sensitive components EYE PIECE : 10x/23 FOV or better. Reducing objective :Objective apo chromatically corrected 0.63x , working distance 150 mm or better. Illumination: Incident , Oblique and Transmitted light LED illumination include high power ring light illumination with 4 -6 power LED, Oblique illumination with 3-5 power LED and Transmitted light LED illumination with large active diameter > 55 mm. Digital Camera : 10MP High Definition Camera , High definition live image 1920x1080p, 35fps. MP4 movie clips with max. 2 M pixels - Camera control via computer (PC mode) or via remote control RC2/RC3 (HD mode) Capture of JPGs or MP4s directly to SD card . Should have possibility of live image on HD monitor without PC. USB2 connection, compatible with PCs and notebooks. Hardware: 24” HD monitor for direct live image without PC. SW: for Automatic calibration ,point to point Distance measurement , annotation, image comparison etc. Microscope , Camera &Software all three must be from Same/One manufacturer company. All Specifications must be available in Manufacturer Brochure System: Must be US/EUROPEAN MAKE Price Quoted in INR Including GST and all Other Taxes 		
4	<p>UV visible double beam spectrophotometer built in pc</p> <ul style="list-style-type: none"> Light Source : Xenon lamp 		

S. no.	Items and Specifications	Compliance YES / NO	Deviation if any
	<ul style="list-style-type: none"> • Detector: 1024 element diode array detector • 4" colour touchscreen Graphical and concentration display • Wavelength range: 198 to 800 nm • Analysis: Absorbance or % transmittance and up to 50 spectral analysis points • Wavelength Accuracy: $\pm 2\text{nm}$ or Better • Wavelength repeatability: $\pm 2\text{nm}$ or Better • Wavelength scanning speed: 198 to 800nm in less than 3 seconds • Stray light: $<1\%T$ according to ANSI/ASTM E387-72 • Stability (A): $\pm 0.005A/h$ at 0.04A and 546nm after 60 min warm-up • Photometric range: 0 to 199.9% -0.300 to 2.500A • Photometric accuracy: $\pm 0.01A$ at 1.0A and 546nm • Noise: $\pm 0.002A$ at 0.04A and $\pm 0.02A$ at 2.0A and 546nm • Power supply voltage: 12V DC, 3.8A, 100 – 240VAC at 50 to 60Hz • Data: USB x 2 • Calibration: Blank with upto 6 standard or factor • Concentration & Quantification Range ± 2500 • Optical density factor: ± 1000 • Curve fit algorithms: Linear and linear through zero • Kinetic measurement time: 7 to 9999 seconds • No of wavelength for kinetics: 3 • Beam height: 15mm • All Specification Must be available in Manufacturer Brochure • System: Must be US/European • Warranty: 2 years including Lamp • Price Quoted in INR Including GST and all Other Taxes 		
5.	<p>Gradient PCR Unit- 1 Nos.</p> <ul style="list-style-type: none"> • Gradient Thermal Cycler with Peltier heating and cooling based system. • Should have gradient enabled block for 96-well with an option of gradient enabled dual 48/48 well x0.2ml and 384-well. • Should have reduced mass sample block to offer settling time of 10 secs. • Should have O-ring seal to protect thermal electric modules. • Should have a maximum ramp rate of 5 degC/second and <i>an average ramp rate of 3.3 deg C/sec</i> • Should have adjustable heated lid • Should have block and calculated temperature control modes. • Should have a temperature range of 0-100 deg C 		

	<ul style="list-style-type: none"> • Should have a temperature accuracy of ± 0.2 deg C • Should have a temperature uniformity of ± 0.4 deg C well to well <i>within 10 seconds of arrival</i> at 90 degC and have 6 Thermoelectric modules. • Should have a gradient range of 30-100 deg C and use dynamic ramping for gradient. • Should have a temperature differential range of 1-24degC. • Should have a memory of >1000 programs • Should have password protected folders • Should have semi graphical or text based programming • Should have LCD display with 5 USB ports • System should have the option to either run as a stand alone unit or connected to the other thermal cycler to offer multibay configuration. • Should be licensed for both diagnostic and research applications. A copy of license should be attached. • System should be quoted with hand held tissue homogenizer 12000 rpm for sample preparation and grinding. • System should provide with green PCR master mix 200 rxn and 100 rxn of 100 bp plus DNA ladder with orange G dye and necessary consumables at the time of installation. • All Specifications must be available in Manufacturer Brochure • System Must Be US/European Make • Price Quoted in INR Including GST and all Other Taxes 		
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**HEAD, DEPT. OF ZOOLOGY
MOHANLAL SUKHADIA 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
(With seal)**

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.
2. PAN No. of the firm. PAN No. on the name other than the firm should not be accepted.
3. The Laboratory Equipments must be manufactured by a company whose products have passed ISO9001 quality management system.
4. Bidder must attach proof related to (i) Manufacturing certificate issued by the Manufacturer or their authorized Indian Agent with warranty of one year (ii) ISO certification.
5. Bidder must have been in the business of Laboratory Equipments supply and installation during last three years.
6. Bidder must attach (a) certificate for installation at one site. (b) Copy of purchase orders and work completion certificate from customers to prove the prior experience and institutions where supply has been made.
7. OEMs of proposed equipment should have their own registration office in India as per the prevalent/applicable laws of India and be in operation in/India for last five years as on the bid issuance date. Registered officers by way of joint ventures, franchise, agency, distribution partners will not be considered.
8. Bidder must have service centre at Udaipur to attend maintenance calls since last three years.
9. The Earnest Money Deposit (EMD) of Rs. -----/- (Rupees ----- only) through a Demand Draft/Pay Order (No.....& Date.....)etc.
10. 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.)

COMPTROLLER

M.L. SUKHADIA UNIVERSITY, UDAIPUR

MOHAN LAL SUKHADIA UNIVERSITY

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, he should before submitting the bid, refer these to the undersigned and obtain clarification.

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 condition 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 ZOOLOGY, M.L. Sukhadia University** 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 a Committee constituted by the M.L.Sukhadia 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 the sent **HEAD, DEPARTMENT OF ZOOLOGY, M.L. Sukhadia University, Udaipur 313001 (Rajasthan)** under a registered A.D. cover or speed post etc. in a double envelope, duly sealed and marked with the item name of the bid, bid Code No., due date so as to reach him 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 ZOOLOGY**, or by **Comptroller of MLS University Udaipur**.

BIDs 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. Bid will have to submit invariably an income tax clearance certificate from the income tax officer of the circle concerned along technical bid.
5. The bid should be filled in blue ink or typed. No bid, filled in pencil shall be considered.
6. (i) Rates must be written both in words and figures. There should no alterations or overwriting in the bid and information given in the bid should be unambiguous language. Where any alteration is made, it should be made clearly and should be dated and initialed by the Bidder failing which such quotation will be ignored. No paper shall be detached from the bid form.

(ii) Rates quoted must be F.O.R department 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 ZOOLOGY**, M.L. Sukhadia University 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. The successful Bidder shall furnish certificate to the effect that the provision of this clause has been fully complied with in respect to supplies made or billed for up to the date of certificate. The successful Bidders shall furnish this certificate to **HEAD, DEPARTMENT OF ZOOLOGY**, M.L. Sukhadia University at the beginning and in every six month 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.
7. 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.
8. Bid and offers of the firm shall be valid for a period of six months from the date of opening of financial bids.
9. (i) Bids hereby are explicitly warned that 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) Whether signing for the firm, i.e. per procuracionem".

(d) 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 ZOOLOGY, College of Science, M.L. Sukhadia University, Udaipur - 313001 (Rajasthan)**.

- (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. He 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 resiles 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.
- 10.** The bid must be accompanied by an Earnest Money (bid deposit) as demanded in the NIB 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:-
- (i) Deposit Receipt of the recognized banks, which should be made in the name of to **HEAD, DEPARTMENT OF ZOOLOGY, M.L. Sukhadia University, Udaipur 313001 (Rajasthan)**.
 - (ii) Bank Drafts, of any scheduled bank in the name of **HEAD, DEPARTMENT OF ZOOLOGY, M.L. Sukhadia University, Udaipur 313001 (Rajasthan)**. (Payable at Udaipur)
 - (iii) Cheque and FDR are not acceptable in any case.
- (a) 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.
 - (b) 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.
- 11** Successful Bidders will have to execute an agreement in the prescribed form with the **HEAD, DEPARTMENT OF ZOOLOGY**, on a non-judicial stamp paper of Rs. 100/- 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.

- 12.** The contractor will be held responsible for goods being sufficiently and properly packed for transport by 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 material 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.
- 13.** The successful bidder shall not assign or sublet the contract or any part thereof to any other party.
- 14.** (i) All goods must be sent freight paid. If goods are sent 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.
- (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 standard required.
- (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's account.
- (vi) 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.
- 15.** (i) The material ordered will have to be supplied with in normally one month for General equipments, one month for the computer & accessories, electronic items, software, etc. from the date of placing the order to the concerned authority of M.L. Sukhadia University.
- (ii) The material will have to be delivered at the University Stores Premises in case of local dealers.

(iii) The Purchasing Officer on the request of contractor may at his discretion allow extension of time for the period which he considers proper or refuse.

(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 be forfeited.

(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 nearest available

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 in force.

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 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 Dean, University College of Science 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 set should not be forfeited.

- 16.** (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 upto 50% of the bided 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 or any other law for the time being in force.

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

17. (i) All articles supplied shall strictly conform to the specification 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.
- (ii) The contractor for the supply can be repudiated at any time by the **HEAD, DEPARTMENT OF ZOOLOGY**, 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 Dean, University College of Science.
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.
20. The Dean, University College of Science reserves the right to accept any bid not necessary to lowest, reject any bid without assigning any reason and accept any bid for all or any one or more items or the articles for which bid has been given.
21. It is made clear that bid must be submitted accurately in accordance with the condition 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:-
- (a) 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. Bidder are expected to satisfy themselves that they will be able to supply the articles quoted by them in full 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 ZOOLOGY, MLSU (Udaipur)** 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 form 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 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. Separate covering letter or communication should be sent for separate category of the bids (a to c in present bid) and bids should be submitted separately for each category. Bids received in mixed with more than one category may not be considered.
28. The decision of the **HEAD, DEPARTMENT OF ZOOLOGY, MLSU, (Udaipur)** in all matters to the bid will be final and binding upon the Bidders.
29. 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.50,000/-.

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 than 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 form the **HEAD, DEPARTMENT OF ZOOLOGY, M.L. Sukhadia University, Udaipur 313001, Rajasthan** shall submit an agreement bond on non-judicial stamp of Rs 500/- (depending 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 rules thereto shall be applicable for this procurement. Furthermore, in case of any inconsistency in any of the bidding document with the RTPP Act, 2013 and Rules thereto, the later shall prevail

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

**MOHAN LAL SUKHADIA UNIVERSITY,
UDAIPUR**

SPECIAL TERMS AND CONDITIONS

1. Bid should be sent to the **HEAD, DEPARTMENT OF ZOOLOGY**, M.L. Sukhadia University, Udaipur (RAJ.) 313001, 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.

(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 NIB and any additional information as specified in the bidding document; and
iv. bear a warning not to open before the time and date for bid opening, in accordance with the NIB
3. In case the bids are not received from sufficient number of firms upto 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 Bidders 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 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.

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. The **HEAD, DEPARTMENT OF ZOOLOGY, M.L. Sukhadia University, Udaipur** reserve 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 the **HEAD, DEPARTMENT OF ZOOLOGY, M.L. Sukhadia University, Udaipur** 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 F.O.R destination and as per financial bid form requirement.** The Ordered material will have to be delivered at the purchaser's office/godown/store at the suppliers cost and arrangement.
17. Bidder are required to mention clearly the components and rate of GST along with total cost in the bid form.
18. If the Bidders fails to deliver the goods within the period specified in the purchase order,(30 days from the date of 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.

19. 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.
20. 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 50,000/- will be normally countersigned by the Comptroller M.L.S University, Udaipur.
21. 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.
23. Quantities mentioned in the bid form is 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 DEAN, UNIVERISTY COLLEGE OF SCIENCE, 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 centre facility, if required.

I/We hereby declare that I/We read carefully all the above mentioned SPECIAL TERMS AND CONDITIONS and General terms and conditions I/We agree to these.

Signature With seal

TECHNICAL BID FORM

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 authorized dealer certificate from principal firm	
6	Warranty Period for the Instruments Quoted (Minimum one Year 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 experience in providing the supply, installation and after sales service.	
9	GST Registration Number & date.	
10	PAN number of the firm	

Signature



**DEPARTMENT OF ZOOLOGY
MOHANLAL SUKHADIA UNIVERSITY,
UDAIPUR**

**FINACIAL BID FORM
(Please submit in a sealed envelope)**

Tender No.Z/UCOS/MLSU/2018/536

Date: 06.02.18

Name of
Bidder:
Address:

Item No	Item and Details	Quantity	Rate (inclusive of all taxes)	Rate inclusive of all taxes FOR Department of Zoology
1	<p>SDS Page Electrophoresis with Power Supply – 1 Nos.</p> <p>A. <u>Electrophoresis system</u></p> <ul style="list-style-type: none">• The system should be capable of accommodating & simultaneously running 1 to 4 mini gels in less than an hour.• The system should be easy to assemble, include a casting stand and glass plates with permanently bonded gel spacers for leak proof casting of gels and avoid messy agarose sealing & tape casting of gels.• The system should be capable of accommodating interchangeable modules for tank transfer, 2-D electrophoresis & electro-elution.• The system should come with molded, one-piece buffer dam when running (only) one or three gels.• The system should come with color coded electrodes to prevent accidental reversal of polarity.• The system should be capable of accommodating 5 well, 8/9 well, 10 well, 15/16 well & Prep/2D combs for sample volumes ranging from 20-150 µl or better.• System should be supplied with a starter kit of acrylamide solution with dissolved fluorescence dye such that the PAGE gel after running does not require any staining for visualizing proteins in gel.• System should be compatible for PreCast Gels and hand cast gels from the same supplier also from different supplier.	01		

Item No	Item and Details	Quantity	Rate (inclusive of all taxes)	Rate inclusive of all taxes FOR Department of Zoology
	<ul style="list-style-type: none"> • The system should be capable of accommodating Gel size (W x L) approximate 8.0 x 7.5 to 10X 10 cm maximum. • The system should have buffer volume approximate 800ml or less. • Should have EN61010 safety • All Specifications available in Manufacturer Brochure <p>B. Power Supply:</p> <ul style="list-style-type: none"> • Power Supply with LCD display: Voltage 10-300V or more with 1V increment, Current: Adjustable from 5 to 400 milli amperes (mA) or better in 1 mA increments. Minimum 3 or 4 output or better. Constant voltage or constant current output • Timer control should 1 min-99 hr 59 min, fully adjustable with 1 minute step • Safety features should be there for no-load detection, overload/short circuit protection, overvoltage detection, input line protection, auto power-up after power failure. • All Specifications are available in Manufacturer Brochure/Catalogue • Should have EN61010 safety • CE (US/European) • All Specifications must be available in Manufacturer Brochure • Price Quoted in INR Including GST or Other all Taxes <p>System Must be US/European Make</p>			
2	<p><u>HPLC system- 1 Nos.</u></p> <ul style="list-style-type: none"> • Isocratic Pump • Recommended Flow Range (Settable Range) 0.05–10 mL/min (0.001–10 mL/min) • Flow Accuracy $\pm 0.1\%$ • Flow Precision $< 0.05\%$ RSD or < 0.01 min SD, whichever is greater • Pressure Range 2–62 MPa (290–9000 psi) • Pulsation Typically: < 0.2 MPa or $< 1\%$ whichever is greater • Manual Injection Valve analytical/micro, with 20 μL sample loop • Solvent Rack • Variable Wavelength Detector with: 	01		

Item No	Item and Details	Quantity	Rate (inclusive of all taxes)	Rate inclusive of all taxes FOR Department of Zoology
	<p>Data Collection Rate: Up to 100 Hz Noise: < ±3.5 µAU (typical < ±2.5 µAU) at 254 nm, time constant 1 s, dry analytical flow cell Drift < 1 × 10⁻⁴ AU/h at 254 nm and dry analytical flow cell. Linearity < 5% RSD at 2.5 AU at 272 nm based on ASTM Light Source Deuterium lamp, tungsten lamp Wavelength Range 190–900 nm Wavelength Accuracy ±1 nm (over detector lifetime) Wavelength Repeatability ±0.1 nm Optical Bandwidth 6 nm at 254 nm</p> <ul style="list-style-type: none"> • Analytical flow cell 11 uL, SST, 10 mm path • CE Certified & ISO 9001 Certified • System: US/European Make • All Specification Must Be Available in Manufacturer Brochure • Upgradable for ECD Detector, Fluorescence Detector, RI Detector & Auto Sampler with Heating and Cooling Facility • Software:- Chromatography data system for control, acquisition, processing, & reporting software. 32-bit software design for Windows Flexible Reporting as users desires for complete Chromatography information Reporting. • Column C18 <p>Suitable Branded UPS with Half an Hour Backup</p>			
3	<p><u>Trinocular Stereozoom Microscope With Photographic attachment – 1 Nos</u></p> <ul style="list-style-type: none"> • Zoom Ratio : 9:1 • Magnification: 6.1- 55x [1x objective and 10x eyepiece] provide field of view up to 37.6mm for fast, accurate inspection • Depth of Field : 12mm very flat (plan) field of view and large depth of field • Optics System : complete apochromatic corrected • Observation Angle–33 - 35° angle eye tubes - for comfort and convenience • Working distance : 120 mm or better working distance (without lens shield) to ensures excellent accessibility to the samples • Resolution : up to 250 lp/mm (without supplementary lens, 10x eyepieces), maximum 	01		

Item No	Item and Details	Quantity	Rate (inclusive of all taxes)	Rate inclusive of all taxes FOR Department of Zoology
	<p>resolution up to 500 lp/mm (2x supplementary lens, 10x eyepieces) –</p> <ul style="list-style-type: none"> • ESD : Minimize risk of ESD (electrostatic discharge) of sensitive components • EYE PIECE: 10x/23 FOV or better. • Reducing objective: Objective apo chromatically corrected 0.63x, working distance 150 mm or better. • Illumination: Incident, Oblique and Transmitted light LED illumination include high power ring light illumination with 4 -6 power LED, Oblique illumination with 3-5 power LED and Transmitted light LED illumination with large active diameter > 55 mm. • Digital Camera: 10MP High Definition Camera, High definition live image 1920x1080p, 35fps. MP4 movie clips with max. 2 M pixels - Camera control via computer (PC mode) or via remote control RC2/RC3 (HD mode) Capture of JPGs or MP4s directly to SD card. Should have possibility of live image on HD monitor without PC. USB2 connection, compatible with PCs and notebooks. • Hardware: 24” HD monitor for direct live image without PC. • SW: for Automatic calibration, point to point Distance measurement, annotation, image comparison etc. • Microscope, Camera &Software all three must be from Same/One Manufacturer Company. • All Specifications must be available in Manufacturer Brochure <p>System: Must be US/EUROPEAN MAKE</p>			
4	<p><u>UV visible double beam spectrophotometer built in pc- 1 Nos</u></p> <ul style="list-style-type: none"> • Light Source : Xenon lamp • Detector: 1024 element diode array detector • 4"colour touch screen Graphical and concentration display • Wavelength range: 198 to 800 nm • Analysis: Absorbance or % transmittance and up to 50 spectral analysis points • Wavelength Accuracy: ± 2nm or Better • Wavelength repeatability: ± 2nm or Better • Wavelength scanning speed: 198 to 800nm in less 	01		

Item No	Item and Details	Quantity	Rate (inclusive of all taxes)	Rate inclusive of all taxes FOR Department of Zoology
	<p>than 3 seconds</p> <ul style="list-style-type: none"> • Stray light: <1%T according to ANSI/ASTM E387-72 • Stability (A): +/- 0.005A/h at 0.04A and 546nm after 60 min warm-up • Photometric range: 0 to 199.9% -0.300 to 2.500A • Photometric accuracy: +/- 0.01A at 1.0A and 546nm • Noise: +/- 0.002A at 0.04A and +/- 0.02A at 2.0A and 546nm • Power supply voltage: 12V DC, 3.8A, 100 – 240VAC at 50 to 60Hz • Data: USB x 2 • Calibration: Blank with upto 6 standard or factor • Concentration & Quantification Range +/- 2500 • Optical density factor: +/- 1000 • Curve fit algorithms: Linear and linear through zero • Kinetic measurement time: 7 to 9999 seconds • No of wavelength for kinetics: 3 • Beam height: 15mm • All Specification Must be in Manufacturer Brochure • System: Must be US/European <p>Warranty: 2 years including Lamp</p>			
5	<p><u>Gradient PCR Unit- 1 Nos.</u></p> <ul style="list-style-type: none"> • Gradient Thermal Cycler with Peltier heating and cooling based system. • Should have gradient enabled block for 96-well with an option of gradient enabled dual 48/48 well x0.2ml and 384-well. • Should have reduced mass sample block to offer settling time of 10 secs. • Should have O-ring seal to protect thermal electric modules. • Should have a maximum ramp rate of 5 degC/second and an average ramp rate of 3.3 deg C/sec • Should have adjustable heated lid • Should have block and calculated temperature control modes. • Should have a temperature range of 0-100 deg C 	01		

Item No	Item and Details	Quantity	Rate (inclusive of all taxes)	Rate inclusive of all taxes FOR Department of Zoology
	<ul style="list-style-type: none"> • Should have a temperature accuracy of ± 0.2 deg C • Should have a temperature uniformity of ± 0.4 deg C well to well within 10 seconds of arrival at 90 degC and have 6 Thermoelectric modules. • Should have a gradient range of 30-100 deg C and use dynamic ramping for gradient. • Should have a temperature differential range of 1-24degC. • Should have a memory of >1000 programs • Should have password protected folders • Should have semi graphical or text based programming • Should have LCD display with 5 USB ports • System should have the option to either run as a stand alone unit or connected to the other thermal cycler to offer multibay configuration. • Should be licensed for both diagnostic and research applications. A copy of license should be attached. • System should be quoted with hand held tissue homogenizer 12000 rpm for sample preparation and grinding. • System should provide with green PCR master mix 200 rxn and 100 rxn of 100 bp plus DNA ladder with orange G dye and necessary consumables at the time of installation. • All Specifications available in Manufacturer Brochure <p>System Must Be US/European Make</p>			

CUSTOM DUTY INCLUDED IN THE COST:

GST INCLUDED IN HE TOTAL COST:

ANY OTHER TAX INCLUDED:

Signature of Bidder

Date:

Seal