Department of Botany, MLSU, Udaipur Standard Bidding Document Single Stage Online Bid under Two-Cover System

# Mohanlal Sukhadia University, Udaipur Department of Botany

NOTICE INVITING E NO: BIDBOT/H/EEQ/2021/9 dt:09-04-2021

## **Bidding Document**

(For Procurement of Two Dimensional Gel Electrophoresis Unit)

Single Stage Online Bid under Two Cover Systems

Last Date for Bid Submission is 26 April, 2021



## DEPARTMENT OF BOTANY MOHANLAL SUKHADIA UNIVERSITY, UDAIPUR

Email: harish.botany1979@gmail.com

# NOTICE INVITING TENDER THROUGH E-PROCUREMENT BOT/H/EEQ/2021/9 Dated: 09-04-2021

Online bids are invited from the interested firms under single stage two bid systems for procurement of "Two Dimensional Gel Electrophoresis Unit" at Mohanlal Sukhadia University Udaipur Rajasthan. Manual bids shall not be entertained. Tender document may be downloaded from websites SPPP Rajasthan (<a href="https://sppp.rajasthan.gov.in/">https://sppp.rajasthan.gov.in/</a>), e-procurement (<a href="https://eproc.rajasthan.gov.in">https://eproc.rajasthan.gov.in</a>) and University website (<a href="https://mlsu.ac.in">https://eproc.rajasthan.gov.in</a>) as per schedule as given in CRITICAL DATE SHEET as under.

**Note:** - Online single stage tender two bid system (Technical and Financial) must be uploaded strictly in accordance with all the terms & conditions of the University, 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 tender. If a bidder has any doubts regarding the interpretation of any of the conditions or specifications mentioned in these documents, before submitting the tender, refer to the Head, Department of Botany UCOS, MLSU Udaipur (Rajasthan)-313001 and obtain clarification. The decision of the Head, Department of Botany UCOS, MLSU Udaipur (Rajasthan)-313001 regarding interpretation of the conditions and specification shall be final and binding on the bidders.

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Head Department of Botany Mohanlal Sukhadia University, Udaipur



## DEPARTMENT OF BOTANY MOHANLAL SUKHADIA UNIVERSITY, UDAIPUR

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## **CRITICAL DATE SHEET, TENDER FEE and EMD**

Tender No	BOT/H/EEQ/2021/9
Date for issue E-Bid	09-04-2021
Date & Time Publishing	10-04-2021 (09:00 AM)
Document Downloads/ Sale Start Date & Time	10-04-2021 (09:00 AM)
Website for Downloading Bid Documents	https://eproc.rajasthan.gov.in
Bid Submission Start Date & Time	10-04-2021 (09:00 AM)
Bid Submission End Date & Time	26-04-2021 (05:00 PM)
Date & Time for Opening of Bids	27-04-2021 (11:00 AM)
Tender Fee EMD	RISL bid processing fees of Rs. 500/- for MD RISL, Jaipur payable at Jaipur (Managing Director, Raj Comp Info Services Ltd.) Rs. 1180/- (For Tender Fee including GST) EMD Declaration on Rs. 50/- Stamp paper given format. (All Fess to be paid through RTGS/NEFT. Bank details are as under: Beneficiary Name: HEAD, DEPARTMENT OF BOTANY, MOHANLAL SUKHADIA UNIVERSITY Bank Name: ICICI Bank Pvt. Ltd. Branch Address: Bapu Bazaar, Udaipur (Rajasthan) Bank Account No.: 693301216469 IFSC Code: ICIC0006933 MICR Code: 313229006 (This is mandatory that UTR Number is provided)
Security Deposit	2.5%
Warranty	3 year
Bid Validity	180 days
Address for Communication	Department of Botany, University College of Science, Mohanlal Sukhadia University, Durga Nursery Road, Udaipur- 313001

Email: harish.botany1979@gmail.com

(A bridged Form of Notice Inviting e-Bids to be published in newspapers with UBN Nos.)

#### DEPARTMENT OF BOTANY, MOHANLAL SUKHADIA UNIVERSITY, UDAIPUR

NOTICE INVITING E- BID No. BOT/H/EEQ/2021/9 DATED: 09/04/2021

Two (02) single stage online unconditional bids under two-cover system are invited for the procurement of "Two Dimensional Gel Electrophoresis Unit" (Estimate Cost in Rs. 17,50,000/-) for Research purpose from manufacturers/ authorized distributors/ authorized dealers up to 05:00 PM of 27-04-2021.

Details of required number of items, specifications and other terms and conditions etc. may be seen in the Bidding Documents on the website <a href="https://sppp.rajasthan.gov.in/">https://eproc.rajasthan.gov.in</a> and University website <a href="https://sppp.rajasthan.gov.in/">https://eproc.rajasthan.gov.in</a> and University website <a href="https://sppp.rajasthan.gov.in/">https://eproc.rajasthan.gov.in</a> and University website <a href="https://sppp.rajasthan.gov.in/">https://sppp.rajasthan.gov.in/</a>, <a href="https://sppp.rajasthan.gov.in/">https://sppp.rajasthan.gov.i

NIB Code	 • • • • • •	 	 
UBN No	 	 	 

Head, Department of Botany, Mohanlal Sukhadia University, Udaipur



## DEPARTMENT OF BOTANY MOHANLAL SUKHADIA UNIVERSITY, UDAIPUR

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## **TECHNICAL SPECIFICATIONS**

	Item Name: Two Dimensional Gel Electrophoresis Unit			
Sr. No.	Main component	Detailed specifications Estimated cost in Rs: 17,50,000/-		
1.	First dimension	System should include Individual Lane Control for running different		
	Iso electric focusing	samples, pH Gradients and focusing protocols in a single run.		
		System should have touch screen User Interface for easily creating and		
		editing protocols and setting up the program rapidly.		
		System should include dedicated site for online data interpretation for		
		Graphing data, comparing lanes and generating reports.		
		System should include USB Port to export data for storage and analysis.		
		• System should include run mode flexibility- to run IPG strips gel Side Up,		
		Gel Side Down and with cup loading configuration.		
		System should have voltage 0-10,000 V, 1 V increments		
		• Current range should be 0–100 μA per lane, 1 μA intervals		
		• Power range of 0–1 W per lane.		
		Should come with all required accessories.		
		System should have Peltier based cooling platform.		
		• Temperature range should be 10–25°C ±1.0°C @ max ambient 23°C 18–		
		25°C ±1.0°C @ max ambient 31°C.		
		Focusing trays should be made of polycarbonate for contaminant free		
		process.		
		• System should accommodate IPG strip length 7, 11, 13, 17, 18 cm.		
		System should have display QVGA resolution (320 x 240) touch screen or		
		mouse control		
		System should have ramping Step, linear, gradual, and hold voltage		
		ramping for each focusing step. Hold mode as a final step to prevent		
		diffusion when IEF is complete.		

		System should have 2GB capacity for storing protocols.
		System should have following regulatory compliances:
		• Safety should have EN 61010-1:2001, IEC 61010-1:2001 Use NRTL to
		test for compliance to UL61010-1:2004 and CAN/CSA C22.2 No. 61010-
		1-04
		EMC EN61326 (1997 w/A1:98) Class A FCC Code of Federal
		Regulations, Title 47, Part 15, Subpart B, Class A
		Other approvals RoHS/WEEE Research Materials to determine level of
		EFUP
2.	Second dimension	• Larger gel size to run the sample from 13 cm or larger size of the IPG strip
	Gel Electrophoresis	• Number of Gels: 1 – 2 or more
		• Sample throughput: 1 – 26 samples/hour
		Total Buffer Volume: 1 L. or better
		Typical running conditions: 200V constant or better
		Support both precast and handcast gel runs
		Should have perfect alignment and leak free casting
		• Should supply 3 sample loading guide 12+2 well, 18 well, 26 well
		• Capability for <1 hr 2-D runs
		Should have integrated upper buffer chamber ensures leak-free operation
		Supplied with empty Cassette
		System Should have IEC-61010 electrical safety, CE & UL certified/ US-
		FDA Certified
		• Unit should be supplied with suitable combs for IPG Well to use with
		Electrophoresis Cell with required gel size mentioned above.
		• Second dimension unit should be capable for running the protein samples
		from IPG strip of 13 cm or larger size of IPG strip for second dimension
		resolution. Therefore, all the required accessories (with suitable comb) to
		make (gel casting) handcast gel and run for the second-dimension resolution
		should be supplied.
3.	Vertical Gel Electrophoresis	A separate unit of vertical gel electrophoresis should be supplied which is
	1	capable of running independent simple 1-D SDS-PAGE with suitable comb.
		Therefore, all the required accessories (like suitable comb) to make (gel
		casting) hand cast gel and run for the simple 1-D SDS-PAGE should be
		supplied.

		A blotting module for western blotting should be supplied with this unit.
4.	Power Supply	<ul> <li>Volts: 10-300 V</li> <li>Current: 0- 400mA</li> <li>Power: 75 W</li> <li>Type of output: Constant current, Voltage</li> <li>Timer: 1-99 hrs</li> <li>Programmable</li> <li>No of output: 4</li> <li>Safety features like No load detection, sudden load change detection, overload/short circuit detection, over voltage detection.</li> <li>Operating temperature: 0 – 40degree C</li> <li>Display: 3-digit LED</li> </ul>
5.	Software for 2-D gel analysis	<ul> <li>Automatic Spot Detection &amp; Quantification.</li> <li>Simultaneous analysis of more than 10 gels.</li> <li>Automatic matching without manual land marking</li> <li>Ability to detect and separate merged, overlapping spots.</li> <li>Background removal algorithm for most accurate representation of faint abundance proteins.</li> <li>Gel Filter for noise removal.</li> <li>Gel Normalization with total quantity in valid spots or total density in gels or local regression levels</li> <li>Gel land marking and automatic spot matching</li> <li>System should be able to export XML data and JPEG file format</li> </ul>
6.	Gel Imaging System	<ul> <li>Versatile system to support wide range of applications like Fluorescence,         Colorimetry/densitometry &amp; Gel documentation.</li> <li>System should be compatible with different dyes like Ethidium Bromide,         Gel Green, SYBR Green I or SYBR Safe Dye, Coomassie Blue Stain, Silver         Stain, SYPRO Ruby.</li> <li>System should be compatible with stain-free gel image capture for protein         gels</li> </ul>

- The Gel Imaging System should feature touch screen (with onboard software)
- Onboard software for image capture, add notes, option for export, print and user account management should be available on the touch screen
- The Gel Imaging System should that automatically recognize applicationspecific tray and adjust imaging parameters and software options accordingly
- The Gel Imaging System should offer precalibrated focus for any zoom setting or sample height.
- The Gel Imaging System should have a high-resolution scientific grade 16-bit CMOS camera, a light-tight compact darkroom & UV Transilluminator.
- System should be supplied with White, blue and UV-and strain-free tray for multiple application along with UV protective shield.
- Minimum image area 20 x 12 cm (W x H)
- Pixel density (gray levels) 65500 or better
- Dynamic range >3.5 orders of magnitude
- Emission filter: 535–645 nm
- Data output: 16-bit or 8-bit: SCN, TIFF, JPEG image files
- The Imaging System should offer a camera resolution greater than 6 megapixels CMOS & carry a pixel size of 2.4 μm x 2.4 μm or better
- The Instrument should offer Trans-UV and Epi White as Standard Illumination. White Light Trans Illumination should be supplied with the system.
- Appropriate flat fielding correction should be automatically and consistently applied to image data for every application.
- Complete unit should be compact to save valuable bench space

Specifications of the 1-D gel Image Analysis Software in Gel imaging system:

- Automated lane and band identification, molecular weight or base pairs evaluation, band sizing, and quantitation based on a reference band or quantity standards
- Snapshot tool to copy images, lane profiles, and graphs

		<ul> <li>Allow Publishing resolution (dpi) and publishing dimension to be specified with a one-click image export for publication. Provides functionality to produce image at user-defined dpi and dimension</li> <li>No requirement of license for registration. The full version software should be installable in large number of computers. Lifetime free upgrades of</li> </ul>
		<ul><li>Software &amp; Firmware should be available.</li><li>System should be supplied with PC compatible analysis software and</li></ul>
		should also have option for Mac version in case required in future
		• 16-bit and 8-bit tiff images with a one-click export option
		• Software should produce customizable reports with data organized as desired, including, Lane and band identification, molecular weight or base
		pair evaluation. Band sizing and quantification are based on a reference
		band or quantity standards.
		• Software should offer live update of results with any change of analysis parameters.
		<ul> <li>Local/Global background subtraction for individual bands</li> </ul>
7.	Laptop	• M1 chip with 8-core CPU, 8-core GPU, unified 8GB RAM, 512GB SSD
		storage, 13 inch or larger size display.
8.	Additional	• Entire chain of system of Two-dimensional gel electrophoresis (First
	technical specifications	dimension Iso electric focusing, Second dimension Gel Electrophoresis,
		Power Supply, Software for 2-D gel analysis, Gel Imaging System), should
		be of same make/brand. Customized items of different make/brand will not
		be acceptable. However, laptop can be of other reputed brand/make.
		• System should be supplied with startup Consumables during installation like:
		• IPG Strips 7cm – 4-7pH – 3 packs
		• IPG Strips 7cm – 3-10pH – 3 Packs
		• IPG Strips 11cm – 4-7pH– 3 Packs
		• IPG Strips 11cm – 3-10pH – 3 Packs
		• 2-D Starter kit – with mineral oil, equilibration buffer and rehydration buffer
		along with other consumables required to run the system.
9.	Warranty	Three years complete warranty on complete instrument

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#### **TERMS AND CONDITIONS**

#### 1. Pre-condition for applying

The following criteria must be fulfilled by a bidder for submitting bid.

- 1.1 The bidder must be a company/firm registered under the India Company Act, 1956 or a proprietary firm or a firm registered under partnership Act 1932. No consortium is allowed. Necessary certificates must be enclosed.
- 1.2 The bidder must be a manufacturer/authorised dealer /supplier of equipment/ software (as applicable in this bid) of reputed brand used in at least 5 Universities /Educational Institutions in the country.
- 1.3 The manufacturer of the equipment/experiments/software should have been in the business during last three years with dealer/supplier network in different locations in the country.
- 1.4 The manufacturer should have own service engineers capable of installing/servicing equipments/ software at the site of the customer. A certificate from manufacturer must be attached.
- 1.5 The turnover of the company during last financial year must be Rs 17.50 Lacs or more.

#### 2. Preparation of Bids

The offer/bid should be submitted in online two bid systems (i.e.) Technical bid and financial bid. The technical bid should consist of all technical details (Technical Specification) along with commercial terms and conditions. Financial bid should indicate item wise price for the items mentioned in the technical bid in the given format i.e BOQ (Annexure-VIIIA & B).

Technical and Financial Bids to be submitted online in PDF format only.

2.1. Technical Bid Format & Content: The technical bid shall not include any financial information.

A Technical Bid containing material financial information shall be declared non-responsive.

**2.2.** The prospective bidders are requested to go through the Terms and Conditions of the contract carefully. The bid documents (Technical and Financial) are to be uploaded as per Annexure I and VIIIA & VIIIB. The rates quoted in the BOQ (VIIIA and VIIIB) should be inclusive of all charges such as labour, transportation, storage etc. but exclusive of applicable taxes. Incomplete or ambiguous uploaded bids without documentary proof will not be considered.

#### 2.3. Format and Signing of Bid

- 2.3.a. The bid forms/templates/annexures etc. wherever applicable in technical bid shall be typed or written in indelible ink and shall be signed (all the pages) by a person duly authorized to sign, in token of acceptance of all the terms and conditions of the bidding document. This authorization shall consist of a written letter of authorization.
- 2.3.b. Any amendments such as interlineations, erasures, or overwriting shall be valid only if they are signed or initiated by the authorized person signing the bid.
- 2.3.c. The bid, duly signed (digitally) by Authorized signatory, should be uploaded on the eProc portal in respective file/ format.

#### 2.4. Bid Opening/Opening of tenders

- 2.4.a. The Bid Evaluation Committee will perform the bid opening, which is a critical event in the bidding process.
- 2.4.b. The Technical Bids shall be opened online through e-procurement portal https://eproc.rajasthan.gov. Bidder may access the document online.
- 2.4.c. All the bids uploaded up to specified date and time shall be opened online, on date and time at the specified place in the presence of bidders or their authorized representatives who may choose to be present as per procedure laid down in RTPP Rules 2013. Alternatively, the bidders may also view the bid opening status/ process online at eProc website https://eproc.rajasthan.gov.
- 2.4.d. All the documents comprising of technical bid/cover shall be opened ONLINE on the eProc website (only for the bidders who have submitted the prescribed fee(s) intimated/ submitted transition reference to Head, Department of Botany, Mohanlal Sukhadia University, Udaipur.

#### 2.5. Evaluation of Technical Bid

2.5.a. The evaluation shall be completed by the Bid Evaluation Committee as early as possible after opening of technical bids.

- 2.5.b. The eligible bidders whose bid is determined to be substantially responsive shall be considered to be qualified in the technical evaluation, unless disqualified pursuant to clause "Conflict of Interest" or "Disqualification."
- 2.5.c. The Technical Evaluation Committee will assess the ability of the agencies to render the requisite services based on its past record, profile and on such other criteria and only those found fit will be eligible for financial bid opening.
- 2.5.d. The firms qualifying in technical evaluation will be informed.
- 2.5.e. The bid evaluation committee shall have full powers to undertake negotiations if any.
- 2.5.f. Tendering authority's Right to accept/reject any or all of the Bids: The tendering authority reserves the right to accept or reject any bid and to cancel the bidding process and reject all bids at any time prior to contract award, without thereby incurring any liability to the bidders.
- 2.5.g. Price/purchase preference in evaluation: Price and/or purchase preference notified by the State Government shall be considered in the evaluation of bids and award of contract.

#### 2.6. Evaluation of Financial Bids

- 2.6.a. The Financial bids/cover or bidders who qualify in technical evaluation shall be opened ONLINE at the notified time, date and place in the presence of the bidders or their representatives who choose to be present. Alternatively, the bidders may also view the financial bid opening status/process online on e-proc website.
- 2.6.b. The process of opening of financial bids/covers shall be similar to that of technical bids.
- 2.6.c. Acceptance of the Tender/Bid:

The tendering authority shall award the contract to the bidder whose proposal/bid has
been determined to be the lowest value bid.
As soon as a bid is accepted by the tendering authority, its written intimation (LOA)
would be sent to the concerned bidder asking to execute an agreement.
The acceptance of an offer is complete as soon as the letter of communication is posted to
the last notified address/correct address of the bidder(s).
The acceptance of the bid shall also be placed on website of www.mlsu.ac.in

**2.7.** The rates once finalized will not be enhance/ reduced during the currency of contract. In case of foreign currency, conversion rates in INR will be taken on that day when financial bid will open.

- **2.8.** In case the rates quoted by the tenderers are very high or do not suit to the University the negotiation may be undertaken for reducing the quoted rates.
- **2.9.** Merely quoting of lowest rates does not mean that order shall be given to that firm. The purchase committee /competent authority will finally decides on the basis of quality and performance of past installations.
- **1.10.** Approved tenderer will have to execute an agreement in prescribed format on a non-judicial stamp of Rs. 0.25% of the order value at his own cost within 15 days from receipt of the order along with security money.
- **1.11.** Prices of Optional items will be considered for price evaluation of bids.

#### **3. EMD**

- 3.1 The Tenderer should submit an EMD amount through RTGS/NEFT. The Technical Bid without EMD would be considered as UNRESPONSIVE and will not be accepted. The EMD will be refunded without any interest to the unsuccessful tenderers after the award of contract.
- 3.2 In case of successful bidder shows inability at any stage, after the contract is finalized and awarded, for whatsoever reason(s), to honour the contract, the EMD / security deposited would be forfeited.

#### 4. Refund of EMD:

The EMD will be returned to unsuccessful tenderers only after the Tenders are finalized. In case of successful Tenderer, it will be retained till the successful, complete installation of the equipment and receipt of performance security.

**5.** Acceptance/ Rejection of bids: The Institute reserves the all right to reject any bid not fulfilling the eligibility criteria.

#### 6. Eligibility Criteria:

6.1 Tenderer should be the manufacturer / authorized dealer. Letter of Authorization from original equipment manufacturer (OEM) specific to the tender should be enclosed.

- 6.2 An undertaking from the OEM is required stating that they would facilitate the tenderer on a regular basis with technology/product updates and extend support for the warranty as well. (Ref. Annexure-II)
- 6.3 OEM should be internationally reputed company.
- 6.4 Non-compliance of tender terms, non-submission of required documents, lack of clarity of the specifications, contradiction between tenderer specification and supporting documents etc. may lead to rejection of the bid.
- 6.5 In the tender, either the Indian agent on behalf of the Principal/OEM or Principal/OEM itself can bid but both cannot bid simultaneously for the same item/product in the same tender.
- 6.6 If an agent submits bid on behalf of the Principal/OEM, the same agent shall not submit a bid on behalf of another Principal/OEM in the same tender for the same item/product.

#### 7. Performance Bank Guarantee:

The firm, to whom the tender will be awarded, will have to deposit the performance bank guarantee (Annexure-IV) equal to 2.5% of total amount at the time of installation of equipment. If services are not found to be satisfactory, the performance security liable to be forfeited. No interest will be paid on performance security.

#### 8. Force Majeure:

The Supplier shall not be liable for forfeiture of its performance security, liquidated damages or termination for default, if and to the extent that, it's delay in performance or other failure to perform its obligations under the contract is the result of an event of Force Majeure.

- 8.1 For purposes of this Clause, "Force Majeure" means an event beyond the control of the Supplier and not involving the Supplier's fault or negligence and not foreseeable. Such events may include, but are not limited to, acts of the Purchaser either in its sovereign or contractual capacity, wars or revolutions, fires, floods, epidemics, quarantine restrictions and freight embargoes.
- 8.2 If a Force Majeure situation arises, the Supplier shall promptly notify the Purchaser in writing of such conditions and the cause thereof. Unless otherwise directed by the Purchaser in writing, the Supplier shall continue to perform its obligations under the Contract as far as is reasonably practical, and shall seek all reasonable alternative means for performance not prevented by the Force Majeure event.

#### 9. Risk Purchase Clause:

In event of failure of supply of the item/equipment within the stipulated delivery schedule, the Purchaser has all the right to purchase the item/equipment from the other source on the total risk of the supplier under risk purchase clause.

#### 10. Packing Instructions:

Each package will be marked on three sides with proper paint/indelible ink, the following:			
	Item Nomenclature		
	Order/Contract No.		
	Country of Origin of Goods		
	Supplier's Name and Address		
	Consignee details		
	Packing list reference number		

#### 11. Delivery and Documents:

Delivery of the goods should be made within 06 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 cable/telex/fax/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:

Tł	ne supplier shall mail the following documents to the purchaser with a copy to the insurance
npa	ny:
	Four 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.
	Inspection Certificate issued by the nominated inspection agency, if any.
	Supplier's factory inspection report.
	Certificate of Origin (if possible by the beneficiary).
	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.

### 12. Liquidated Damages (L.D):

If a supplier fails to execute the order in time as per the terms and conditions stipulated therein, it will be open to the purchaser to recover liquidated damages for delay in delivery and installation from the supplier. The L.D charges can be increased in case of gross violation of the purchase order terms as decided by the Comptroller of the Institute.

Delay upto 1/4th of the time period of supply: 2.5%

Delay 1/4th and above but less than ½ of supply period: 5%

Delay ½ and above but less than 3/4th of the supply period: 7.5%

Delay more than 3/4th of the time period of supply: 10%

#### 13. Prices:

The final price should be inclusive of all charges including of all taxes and FOR to Department of Botany, University College of Science, MLSU, Udaipur. The vender should deliver the instrument in the premises of the Department of Botany, University College of Science, MLSU, Udaipur. For delivery of goods at the purchaser's premises, the insurance shall be obtained by the supplier from "warehouse to warehouse" (final destinations) on "All Risks" basis including War Risks and Strikes.

#### 14. Progress of Supply:

Wherever applicable, supplier shall regularly intimate progress of supply, in writing, to the Purchaser as under:

- 14.1. Quantity offered for inspection and date;
- 14.2. Quantity accepted/rejected by inspecting agency and date;
- 14.3. Quantity dispatched/delivered to consignees and date;
- 14.4. Quantity where incidental services have been satisfactorily completed with date;
- 14.5. Quantity where rectification/repair/replacement effected/completed on receipt of any communication from consignee/Purchaser with date;
- 14.6. Date of completion of entire Contract including incidental services, if any; and
- 14.7. Date of receipt of entire payments under the Contract (In case of stage-wise inspection, details required may also be specified).

#### 15. Resolution of Disputes:

The dispute resolution mechanism would be as follows:

15.1. In case of dispute or difference arising between the Purchaser and a domestic supplier relating to any matter arising out of or connected with this agreement, such disputes or difference shall be settled in accordance with the Indian Arbitration & Conciliation Act, 1996, the rules there under and any statutory modifications or re-enactments thereof shall apply to the arbitration proceedings. The dispute shall be referred to the Comptroller, MLSU, Udaipur and if he is unable or unwilling to act, the sole

arbitration of some other person appointed by him willing to act as such Arbitrator. The award of the arbitrator so appointed shall be final, conclusive and binding on all parties to this order.

15.2. In the case of a dispute between the purchaser and a Foreign Supplier, the dispute shall be settled by arbitration in accordance with provision of sub-clause above. But if this is not acceptable to the supplier then the dispute shall be settled in accordance with provisions of UNCITRAL (United Nations Commission on International Trade Law) Arbitration Rules.

15.3 The venue of the arbitration shall be the place from where the order is issued.

#### 16. Applicable Law:

The place of jurisdiction would be Rajasthan.

#### 17. Right to Use Defective Goods:

If after delivery, acceptance and installation and within the guarantee and warranty period, the operation or use of the goods proves to be unsatisfactory, the purchaser shall have the right to continue to operate or use such goods until rectifications of defects, errors or omissions by repair or by partial or complete replacement is made without interfering with the purchaser's operation.

#### 18. Transfer and Subletting:

The supplier shall not sublet, transfer, assign or otherwise part with the acceptance to the tender or any part thereof, either directly or indirectly, without the prior written permission of the Purchaser.

#### 19. Supplier Integrity:

The Supplier is responsible for and obliged to conduct all contracted activities in accordance with the Contract (annexure-VI) using state of the art methods and economic principles and exercising all means available to achieve the performance specified in the contract.

#### 20. Installation & Demonstration:

- 20.1. The supplier is required to do the installation and demonstration of the equipment within two weeks of the arrival of materials at the Mohanlal Sukhadia University, site of installation, otherwise the penalty clause will be the same as per the supply of materials.
- 20.2. In case of any damage to equipment and supplies during the carriage of supplies from the origin of equipment to the installation site, the supplier has to replace it with new equipment/supplies immediately at his own risk. Mohanlal Sukhadia University, will not be liable to any type of losses in any form.

#### 21. Insurance:

For delivery of goods at the purchaser's premises, the insurance shall be obtained by the supplier in an amount equal to 110% of the value of the goods from "warehouse to warehouse" (final destinations) on "All Risks" basis including War Risks and Strikes.

#### 22. Warranty:

- 22.1. Warranty period shall be (as stated in "technical specifications" of this tender) from date of installation of Goods at Mohanlal Sukhadia University, Udaipur. The Supplier shall, in addition, comply with the performance and/or consumption guarantees specified under the contract. If for reasons attributable to the Supplier, these guarantees are not attained in whole or in part, the Supplier shall at its discretion make such changes, modifications, and/or additions to the Goods or any part thereof as may be necessary in order to attain the contractual guarantees specified in the Contract at its own cost and expense and to carry out further performance tests. The warranty should be comprehensive on site.
- 22.2. The Purchaser shall promptly notify the supplier in writing of any claims arising under this warranty. Upon receipt of such notice, the Supplier shall arrange to repair or replace the defective goods or parts within 15 days free of cost in Mohanlal Sukhadia University. The Supplier shall take over the replaced parts/goods at the time of their replacement. No claim whatsoever shall lie on the Purchaser for the replaced parts/goods thereafter. The period for correction of defects in the warranty period is 15 days. If the supplier having been notified fails to remedy the defects within 15 days, the purchaser may proceed to take such remedial action as may be necessary, at the supplier's risk and expenses and without prejudice to any other rights, which the purchaser may have against the supplier under the contract.

**23. AMC:** After the warranty period is over, annual maintenance contract (AMC) if required vendor will be contacted. The AMC charges will not be included in computing the total cost of the equipment. Tenderer must specify the terms and condition applicable for AMC.

#### 24. Governing Language:

The contract shall be written in English language. English language version of the Contract shall govern its interpretation. All correspondence and other documents pertaining to the Contract, which are exchanged by the parties, shall be written in the same language.

#### 25. Duties:

Mohanlal Sukhadia University is exempted from paying custom duty under notification No.51/96 and necessary "Custom Duty Exemption Certificate" can be issued after providing following information and Custom Duty Exemption Certificate will be issued to the shipment in the name of the Institute, no certificate will be issued to third party:

- 25.1. Shipping details i.e. Master Airway Bill No. and House Airway No. (if exists)
- 25.2 Forwarder details i.e. Name, Contact No., etc.

#### 26. Payment:

26.1 For imported items payment will be made through irrevocable Letter of Credit (LC). Letter of Credit (LC) will be established in favour of foreign Supplier after the submission of performance security. The letter of credit (LC) will be established on the exchange rates in INR will be taken on that day when financial bid will open. For Imports, LC will be opened for 100% FOB/CIF value. 90% of the LC amount shall be released on presentation of complete and clear shipping documents and 10% of the LC amount shall be released after the installation and demonstration of the equipment at the Mohanlal Sukhadia University, site of installation in faultless working condition for period of 60 days from the date of the satisfactory installation.

26.2 All the bank charges within India will be borne by the Institute and outside India will be borne by the Supplier.

#### 27. User list:

Brochure detailing technical specifications and performance, list of industrial and educational establishments where the items enquired have been supplied must be provided (Ref. Annexure-III).

#### 28. Site Preparation:

The supplier shall inform to the Institute about the site preparation, if any, needed for the installation of equipment, immediately after the receipt of the purchase order. The supplier must provide complete details regarding space and all the other infrastructural requirements needed for the equipment, which the Institute should arrange before the arrival of the equipment to ensure its timely installation and smooth operation thereafter.

The supplier may visit the Institute and see the site where the equipment is to be installed and may offer his advice and render assistance to the Institute in the preparation of the site and other pre-installation requirements.

#### 29. Spare Parts:

The Supplier may be required to provide any or all of the following materials, notifications, and information pertaining to spare parts manufactured or distributed by the Supplier. Such spare parts as the Purchaser may elect to purchase from the Supplier, providing that this election shall not relieve the Supplier of any warranty obligations under the Contract. In the event of termination of production of the spare parts; Advance notification to the Purchaser of the pending termination, in sufficient time to permit the Purchaser to procure needed requirements; and following such termination, furnishing at no cost to the Purchaser, the blueprints, drawings and specifications of the spare parts, if requested.

Supplier shall carry sufficient inventories to assure ex-stock supply of consumable spares. Other spare parts and components shall be supplied as promptly as possible but in any case within six months of placement of order.

**30. Defective Equipment:** If any of the equipment supplied by the Supplier is found to be substandard, refurbished, un-merchantable or not in accordance with the description/specification or otherwise faulty, the committee will have the right to reject the equipment or its part. The prices of such equipment shall be refunded by the Supplier with 18% interest if such payments for such equipment have already been made. All damaged or unapproved goods shall be returned at suppliers cost and risk and the incidental expenses incurred thereon shall be recovered from the supplier. Defective part in equipment, if found before installation and/or during warranty period, shall be replaced within 30 days on receipt of the intimation from this office at the cost and risk of supplier including all other charges. In case supplier fails to replace above item as per above terms & conditions, Mohanlal Sukhadia University may consider "Banning" the supplier.

## 31. Termination for Default:

Th	e Pı	irchaser may, without prejudice to any other remedy for breach of contract, by written notice
of	defa	ault sent to the Supplier, terminate the Contract in whole or part:
		If the Supplier fails to deliver any or all of the Goods within the period(s) specified in the
		order, or within any extension thereof granted by the Purchaser.
		If the Supplier fails to perform any other obligation(s) under the Contract.  If the Supplier, in the judgment of the Purchaser has engaged in corrupt or fraudulent practices
		in competing for or in executing the Contract. For the purpose of this Clause:
		"Corrupt practice" means the offering, giving, receiving or soliciting of anything of value to
		influence the action of a public official in the procurement process or in contract execution.
		"Fraudulent practice" means a misrepresentation of facts in order to influence a procurement
		process or the execution of a contract to the detriment of the borrower, and includes collusive
		practice among Tenderer (prior to or after bid submission) designed to establish bid prices at
		artificial non-competitive levels and to deprive the Borrower of the benefits of free and open
		competition.
		In the event the Purchaser terminates the Contract in whole or in part, the Purchaser may
		procure, upon such terms and in such manner, as it deems appropriate, Goods or Services
		similar to those undelivered, and the Supplier shall be liable to the Purchaser for any excess
		costs for such similar Goods or Services. However, the Supplier shall continue the performance
		of the Contract to the extent not terminated.
32.	. Do	wntime:
	Du	ring the warranty period, not more than 2% downtime will be permissible. For every day
	exe	ceeding permissible downtime, penalty of 1/365 of the 1% FOB value will be imposed.
	Do	wntime will be counted from the date and time of the filing of complaint with in the business
	ho	urs.
	Su	pplier should clearly mention about their service set up in India (preferably in Northern part of
	Inc	lia) for prompt service support along with contact details of service engineers specially trained

☐ In case of machine remain non-operational due to probe breakdown the supplier must arrange

## **33. Training of Personnel:**

on the offered system.

alternative probe for the repair time.

The supplier shall be required to undertake to provide the technical training to the personnel involved in the use of the equipment at the Institute premises, immediately after completing the installation of the equipment as per Annexure VII.

#### 34. Compliancy certificate:

This certificate must be provided indicating conformity to the technical specifications. (Annexure-I)

#### 35. Award of Contract:

Mohanlal Sukhadia University shall award the contract to the eligible bidder whose technical bid has been accepted and determined as the lowest evaluated commercial bid based on the Grand Total calculated of all items + taxes etc. of the Price Bids. However, Mohanlal Sukhadia University reserves the right and has sole discretion to reject the lowest evaluated bid.

If more than one bidder happens to quote the same lowest price, Mohanlal Sukhadia University reserves the right to decide the criteria and further process for awarding the contract, decision of Mohanlal Sukhadia University shall be final for awarding the contract.

#### 36. Additional Points:

If the ITEMS supplied by the Bidder fails 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.

Note: This is to be ensured by the firm that purchase order of the same model supplied in the Govt. organization/University/institution should be provided while submitting the bid. In case bidder fail to provide the purchase order of the same model supplied in the Govt. organization/University/institution, then bid may be cancelled on the technical ground.



## DEPARTMENT OF BOTANY MOHANLAL SUKHADIA UNIVERSITY, UDAIPUR

#### **ANNEXURE-I**

**COMPLIANCE SHEET: TECHNICAL SPECIFICATION** 

To: Head, Department of Botany, Mohanlal Sukhadia University, Udaipur - 313001

Name of Supply: Two Dimensional Gel Electrophoresis Unit	Quantity: 1 nos
Name of Supplier:	
(The <b>Bidder must write Yes/No against each specification</b> of the equipment. Any deviation may be	e mentioned explicitly)

## **TECHNICAL SPECIFICATIONS**

Sr. No.	Main component	Detailed specifications	Make & model	Compliance (Yes/No)	Deviation, if any
1.	First dimension Iso electric focusing	<ul> <li>System should include Individual Lane Control for running different samples, pH Gradients and focusing protocols in a single run.</li> <li>System should have touch screen User Interface for easily creating and editing protocols and setting up the program rapidly.</li> <li>System should include dedicated site for online data interpretation for Graphing data, comparing lanes and generating reports.</li> </ul>			

System should include USB Port to export data for storage and analysis. System should include run mode flexibility- to run IPG strips gel Side Up, Gel Side Down and with cup loading configuration. System should have voltage 0-10,000 V, 1 V increments Current range should be 0–100 µA per lane, 1 µA intervals Power range of 0–1 W per lane. Should come with all required accessories. System should have Peltier based cooling platform. Temperature range should be 10–25°C ±1.0°C @ max ambient 23°C 18–25°C  $\pm 1.0$ °C @ max ambient 31°C. Focusing trays should be made of polycarbonate for contaminant free process. System should accommodate IPG strip length 7, 11, 13, 17, 18 cm. System should have display QVGA resolution (320 x 240) touch screen or mouse control System should have ramping Step, linear, gradual, and hold voltage ramping for each focusing step. Hold mode as a final step to prevent diffusion when IEF is complete. System should have 2GB capacity for storing protocols. System should have following regulatory compliances: Safety should have EN 61010-1:2001, IEC 61010-1:2001 Use NRTL to test for compliance to UL61010-1:2004 and CAN/CSA

C22.2 No. 61010-1-04

		EMC EN61326 (1997 w/A1:98) Class A FCC Code of Federal
		Regulations, Title 47, Part 15, Subpart B, Class A
		Other approvals RoHS/WEEE Research Materials to determine
		level of EFUP
2.	Second	Larger gel size to run the sample from 13 cm or larger size of the
	dimension Gel Electrophoresis	IPG strip
	2100Mopmorous	Number of Gels: 1 – 2 or more
		Sample throughput: 1 – 26 samples/hour
		Total Buffer Volume: 1 L. or better
		Typical running conditions: 200V constant or better
		Support both precast and handcast gel runs
		Should have perfect alignment and leak free casting
		• Should supply 3 sample loading guide 12+2 well, 18 well, 26 well
		Capability for <1 hr 2-D runs
		Should have integrated upper buffer chamber ensures leak-free
		operation
		Supplied with empty Cassette
		System Should have IEC-61010 electrical safety, CE & UL
		certified/ US-FDA Certified
		Unit should be supplied with suitable combs for IPG Well to use with
		Electrophoresis Cell with required gel size mentioned above.
		Second dimension unit should be capable for running the protein
		samples from IPG strip of 13 cm or larger size of IPG strip for second
		dimension resolution. Therefore, all the required accessories (with
		(··

		suitable comb) to make (gel casting) handcast gel and run for the
		second-dimension resolution should be supplied.
3.	Vertical Gel Electrophoresis	A separate unit of vertical gel electrophoresis should be supplied
		which is capable of running independent simple 1-D SDS-PAGE
		with suitable comb. Therefore, all the required accessories (like
		suitable comb) to make (gel casting) hand cast gel and run for the
		simple 1-D SDS-PAGE should be supplied.
		A blotting module for western blotting should be supplied with this
		unit.
4	D 0 1	XX 1 40 000 XX
4.	Power Supply	• Volts: 10-300 V
		• Current: 0- 400mA
		Power: 75 W
		Type of output: Constant current, Voltage
		• Timer: 1-99 hrs
		Programmable
		No of output: 4
		Safety features like No load detection, sudden load change detection,
		overload/short circuit detection, over voltage detection.
		Operating temperature: 0 – 40degree C
		Display: 3-digit LED
5.	Software for 2-	Automatic Spot Detection & Quantification.
	D gel analysis	Simultaneous analysis of more than 10 gels.
		Automatic matching without manual land marking
1		

		Ability to detect and separate merged, overlapping spots.
		Background removal algorithm for most accurate representation of
		faint abundance proteins.
		Gel Filter for noise removal.
		Gel Normalization with total quantity in valid spots or total density
		in gels or local regression levels
		Gel land marking and automatic spot matching
		System should be able to export XML data and JPEG file format
6.	Gel Imaging	Versatile system to support wide range of applications like
	System	Fluorescence, Colorimetry/densitometry & Gel documentation.
		System should be compatible with different dyes like Ethidium
		Bromide, Gel Green, SYBR Green I or SYBR Safe Dye, Coomassie
		Blue Stain, Silver Stain, SYPRO Ruby.
		System should be compatible with stain-free gel image capture for
		protein gels
		The Gel Imaging System should feature touch screen (with onboard)
		software)
		Onboard software for image capture, add notes, option for export,
		print and user account management should be available on the touch
		screen
		The Gel Imaging System should that automatically recognize
		application-specific tray and adjust imaging parameters and software
		options accordingly
(		

•	The Gel Imaging System should offer precalibrated focus for any		
	zoom setting or sample height.		
•	The Gel Imaging System should have a high-resolution scientific		
	grade 16-bit CMOS camera, a light-tight compact darkroom & UV		
	Transilluminator.		
•	System should be supplied with White, blue and UV-and strain-free		
	tray for multiple application along with UV protective shield.		
•	Minimum image area - 20 x 12 cm (W x H)		
•	Pixel density (gray levels) - 65500 or better		
•	Dynamic range - >3.5 orders of magnitude		
•	Emission filter: 535–645 nm		
•	Data output: 16-bit or 8-bit: SCN, TIFF, JPEG image files		
•	The Imaging System should offer a camera resolution greater than 6		
	megapixels CMOS & carry a pixel size of 2.4 μm x 2.4 μm or better		
•	The Instrument should offer Trans-UV and Epi White as Standard		
	Illumination. White Light Trans Illumination should be supplied		
	with the system.		
•	Appropriate flat fielding correction should be automatically and		
	consistently applied to image data for every application.		
	Complete unit should be compact to save valuable bench space		
	Specifications of the 1-D gel Image Analysis Software in Gel		
	imaging system:		

		Automated lane and band identification, molecular weight or base
		pairs evaluation, band sizing, and quantitation based on a reference
		band or quantity standards
		Snapshot tool to copy images, lane profiles, and graphs
		Allow Publishing resolution (dpi) and publishing dimension to be
		specified with a one-click image export for publication. Provides
		functionality to produce image at user-defined dpi and dimension
		No requirement of license for registration. The full version software
		should be installable in large number of computers. Lifetime free
		upgrades of Software & Firmware should be available.
		System should be supplied with PC compatible analysis software
		and should also have option for Mac version in case required in
		future
		16-bit and 8-bit tiff images with a one-click export option
		Software should produce customizable reports with data organized
		as desired, including, Lane and band identification, molecular weight
		or base pair evaluation. Band sizing and quantification are based on
		a reference band or quantity standards.
		Software should offer live update of results with any change of
		analysis parameters.
		Local/Global background subtraction for individual bands
7.	Laptop	M1 chip with 8-core CPU, 8-core GPU, unified 8GB RAM, 512GB
		SSD storage, 13 inch or larger size display.
	<u>l</u>	

8.	Additional technical specifications	<ul> <li>Entire chain of system of Two-dimensional gel electrophoresis (First dimension Iso electric focusing, Second dimension Gel Electrophoresis, Power Supply, Software for 2-D gel analysis, Gel Imaging System), should be of same make/brand. Customized items of different make/brand will not be acceptable. However, laptop can be of other reputed brand/make.</li> <li>System should be supplied with startup Consumables during installation like:</li> <li>IPG Strips 7cm – 4-7pH – 3 packs</li> <li>IPG Strips 11cm – 3-10pH – 3 Packs</li> <li>IPG Strips 11cm – 3-10pH – 3 Packs</li> <li>2-D Starter kit – with mineral oil, equilibration buffer and rehydration buffer along with other consumables required to run the system.</li> </ul>	
9.	Warranty	Three years complete warranty on complete instrument	

	Name:
	Designation:
	<del></del>
Organization Name:	
Contact No.:	

## ANNEXURE-II << Organization Letter Head >> <u>DECLARATION SHEET</u>

We, \_\_\_\_\_ hereby certify that all the information and data

surnished by our organization with regard to these tender specifications are true and complete to the best of our knowledge. I have gone through the specifications, conditions and stipulations in details and agree to omply with the requirements and intent of specification.						
/We hereby unconditionally accept the tender conditions of above-mentioned tender document(s)/corrigendum(s) in its totality/entirety.						
This is certified that our organization has been authorized (Copy attached) by the OEM to participate in Tender. We further certify that our organization meets all the conditions of eligibility criteria laid down in this tender document. Moreover, OEM has agreed to support on regular basis with technology / product updates and extend support for the warranty.						
The corrigendum(s) issued from time to time by y into consideration, while submitting this acceptant	our department/organization too have also been taken ce letter.					
We, further specifically certify that our organization by any Institutional Agency/ Govt. Department/ Pub	has not been Black Listed/De Listed or put to any Holiday blic Sector Undertaking in the last three years.					
The prices quoted in the financial bids are subsidized due to academic discount given to Mohanlal Sukhadia University -Udaipur.						
NAME & ADDRESS OF						
THE Vendor/ Manufacturer / Agent						
Phone						
Fax						
E-mail						
Contact Person Name						
Mobile Number						
TIN Number						
PAN Number						
(In case of on-line payment of Tender Fees)						
UTR No. (For Tender Fee)						
(In case of on-line payment of EMD) UTR No. (For EMD)						
Other Details						
	1					

(Signature of the Tenderer)

**Seal of the Company** 

Name:

30

# ANNEXURE-III << Organization Letter Head >>

## LIST OF ORGANIZATION/DEPARTMENT.

List of organizations for whom the Tenderer has undertaken such work during last three years (must be supported with work orders)

on Name of Contact Person	

Name of application specialist / Service Engineer who have the technical competency to handle and support the quoted product during the warranty period.				
Name of the organization	Name of Contact Person			

Signature of Tenderer	
Name:	
Designation:	
Organization Name:	
Contact No.:	

## **ANNEXURE-IV**

## FORMAT FOR PERFORMANCE BANK GUARANTEE

2.

(To be typed on Non-judicial stamp paper of the value of Indian Rupees of One Hundred) (TO BE ESTABLISHED THROUGH ANY OF THE NATIONAL BANKS (WHETHER SITUATED AT UDAIPUR OR OUTSTATION) WITH A CLAUSE TO ENFORCE THE SAME ON THEIR LOCAL BRANCH AT UDAIPUR OR ANY SCHEDULED BANK (OTHER THAN NATIONALISED BANK) SITUATED AT UDAIPUR. BONDS ISSUED BY CO-OPERATIVE BANKS ARE NOT ACCEPTED.)

THAN NATIO ACCEPTED.)	NALISED BANK	(a) SITUATED A	T UDAIPUR. BO	NDS ISSUEI	BY CO-O	PERATIVE	BANKS ARE	NOT	
To,									
Mohanlal Su Udaipur-313 India	ıkhadia Univer 3001	sity							
LETTER O	F GUARANTI	EE.							
No	Mohanlal						Tenders for	vide purchase	Tender of
equipment /1 of "Mohanl valid till thr One) days fr NOW THIS by any of th machinery, 6	s the said tender machinery etc. al Sukhadia Usee years from from the date of BANK HERE the conditions at the conditions at the sank sleet.	in response the iniversity, Ud the date of is acceptance as a BY GUARAL referred in tenall pay to Mo	nereto shall esta laipur" in the factorial sale of Perform is a successful to NTEES that in order document or or o	ablish an irreform of Bank ance Bank enderer. the event of	revocable nk Guarante Guarante of the said	Performar ntee for Rs se may be se d tenderer performar	submitted w (seller) failince of the e	ee Bond in arrithin 21 (T	favour nd wenty-
This bank for said Tendero	urther agrees ther (Seller) has be final and bind	at the decisio	n of Mohanlal						
contained sh	all not be affectiversity, Udaip	ted by any ch							
Notwithstar	nding anything	g contained h	erein:						
1. Our	liability under	this Bank Gua	arantee shall no	ot exceed R	s	(I	ndian Rupe	es only).	

This Bank Guarantee shall be valid up to ...... (date) and

3. We are liable to pay the guaranteed amount or any part thereof under this bank guarantee only and only if Institute serve upon us a written claim or demand on or before(date).
This Bank further agrees that the claims if any, against this Bank Guarantee shall be enforceable at our branch office at
Yours truly,
Signature and seal of the guarantor:
Name of Bank:
Address:
Date:
<b>Instruction to Bank:</b> Bank should note that on expiry of Guarantee Period, the Original Guarantee will not be returned to the Bank. Bank is requested to take appropriate necessary action on or after expiry of bond

period.

## **ANNEXURE-V**

Date: / /

## MANDATE FORM FOR ELECTRONIC FUND TRANSFER/RTGS TRANSFER

The Head

Dep	partment of Botany													
Mo	hanlal Sukhadia Univ	ersity, Udaip	our											
Uda	aipur-313001													
	: Authorization for relectronic Fund Transfer/I  Name of the Party  Address of the Particulars of Bar	RTGS Transfoy/Firm/Compa arty:	er.		hanla	ıl Sul	chad	lia Ur	nivers	ity, U	daipu	ır thr	ough	
	Bank Name	Bran	Branch Name											
	Branch Place			Brar	nch C	ity								
	PIN Code		Bran	Branch Code										
	MICR No													
	(9 Digit number appe copy of a cheque of y IFS Code:(11 digit al	your bank for	ensuring	nk of the accuracy	Cheq of the	ue su e banl	ppli k nai	ed by me , b	the B	ank, F	Please e and	attac	ch a X numb	lerox per)
	Account Type	Savings		Curi	Current					Cash Credit				
	Account Number:	Buvings					1		100				Ī	
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I he effective United upd	ereby declare that the ceted for reasons of i versity, Udaipur responsating of records for pube:	ncomplete or nsible. I also u rpose of credi	incorrec	t informa to advise	ation any c	I sha	all n e in 1	ot ho	old Re	egistra	ar, M	ohan	ılal Su	ukhadia
_	nature & Seal of the A					recor	ds							-
Bar	ıkers Stamp:							-	Date:					
N.E	nature of the Authori <i>: Please fill in the infolicable</i> .				RS, co	отри	ter t	yped;	pleas	e TIC	CK wh	erev	er it is	5

(to be printed on Supplier's letterhead)

## **INTEGRITY PACT**

### General

This pre-bid pre-contract Agreement hereinafter called the Integrity Pact is made on
Day of the month of, between, on one hand, the Governor of Rajasthan acting through Registrar, Mohanlal Sukhadia University, Udaipur
Udaipur-313001 hereinafter called the "BUYER" of the first part and M/s, Director /Chief Executive Officer/ General Manager hereinafter called the "TENDERER/Seller" of the second part.
BUYE
WHEREAS the R proposes to procure (Name of the
Stores/Equipment/Item) and the TENDERER/Seller is willing to offer/has offered the stores and WHEREAS the TENDERER is a private company/public company/Government undertaking/partnership/registered export agency, constituted in accordance with the relevant law in the matter and the BUYER is an Autonomous Body/Department of the Government of India performing its functions on behalf of the President of India.
NOW, THEREFORE, to avoid all forms of corruption by following a system that is fair, transparent and free from any influence/prejudiced dealings prior to, during and subsequent to the currency of the contract to be entered into with a view to enabling the BUYER to obtain the desired said stores
/ equipment at a competitive price in conformity with the defined specifications by avoiding the high cost and the distortionary impact of corruption on public procurement, and Enabling Tenderer to abstain from bribing or indulging in any corrupt practice in order to secure the contract by providing assurance to them that their competitors will also abstain from bribing and other corrupt practices and the BUYER will commit to prevent corruption, in any form, by its officials by following transparent procedures.

The parties hereto hereby agree to enter into this Integrity Pact and agree as follows:

### 1. Commitments of the BUYER:

- 1.1 The BUYER undertakes that no official of the BUYER, connected directly or indirectly with the contract, will demand, take a promise for or accept, directly or through intermediaries, any bribe, consideration, gift, reward, favour or any material or immaterial benefit or any other advantage from the TENDERER, either for themselves or for any person, organization or third party related to the contract in exchange for an advantage in the bidding process, bid evaluation, contracting or implementation process related to the Contract.
- 1.2 The BUYER will, during the pre-contract stage, treat all Tenderer alike, and will provide to all tenderer the same information and will not provide any such information to any particular TENDERER which could afford an advantage to that particular TENDERER in comparison to other Tenderer.
- 1.3 All the officials of the Buyer will report to the appropriate Government office any attempted or completed breaches of the above commitments as well as any substantial suspicion of such a breach.
- 1.4 In case any such preceding misconduct on the part of such official (s) is reported by the TENDERER to the BUYER, with full and verifiable facts and the same is prima facie found to be correct by the BUYER, necessary disciplinary proceedings, or any other action as deemed fit, including criminal proceedings may be initiated by the BUYER and such a person shall be debarred from further dealings related to the contract process. In such a case while an enquiry is being conducted by the BUYER the proceedings under the contract would not be stalled.

### 2. Commitments of TENDERER:

The TENDERER commits itself to take all measures necessary to prevent corrupt practices, unfair means and illegal activities during any stage of its bid or during any pre-contract or post contract stage in order to secure the contract or in furtherance to secure it and in particular commit itself to the following:

- 2.1 The TENDERER will not offer, directly or through intermediaries, any bribe, consideration, gift, reward, favour, any material or immaterial benefit or other advantage, commission, fees, brokerage or inducement to any official of the BUYER, connected directly or indirectly with the bidding process, or to any person, organization or third party related to the contract in exchange for any advantage in the bidding, evaluation, contracting and implementation of the Contract.
- 2.2 The TENDERER further undertakes that it has not given, offered or promised to give, directly or indirectly any bribe, gift, consideration, reward, favor, any material or immaterial benefit or other advantage, commission, fees, brokerage or inducement to any official of the BUYER or otherwise in procuring the Contract or forbearing to do or having done any act in relation to the obtaining or execution of the Contract or any other Contract with the Government for showing or

forbearing to show favour or disfavour to any person in relation to the Contract or any other Contract with the Government.

- 2.3 Tenderer shall disclose the name and address of agents and representatives and Indian Tenderer shall disclose their foreign principals or associates.
- 2.4 Tenderer shall disclose the payments to be made by them to agents / brokers or any other intermediary, in connection with this bid/contract.
- 2.5 The TENDERER further confirms and declares to the BUYER that the TENDERER is the original manufacturer/ integrator/ authorized government sponsored export entity of the defines stores and has not engaged any individual or firm or company whether Indian or foreign to intercede, facilitate or in any way to recommend to the BUYER, or any of its functionaries, whether officially or unofficially to the award of the contract to the TENDERER, nor has any amount been paid, promised or intended to be paid to any such individual, firm or company in respect of any such intercession, facilitation or recommendation.
- 2.6 The TENDERER, either while presenting the bid or during pre-contract negotiations or before signing the contract, shall disclose any payments he has made, is committed to or intends to make to officials of the BUYER or their family members, agents, brokers or any other intermediaries in connection with the contract and the details of services agreed upon for such payments.
- 2.7 The TENDERER will not collude with other parties interested in the contract to impair the transparency, fairness and progress of the bidding process, bid evaluation, contracting and implementation of the contract.
- 2.8 The TENDERER will not accept any advantage in exchange for any corrupt practice, unfair means and illegal activities.
- 2.9 The TENDERER shall not use improperly, for purposes of competition or personal gain, or pass on to others, any information provided by the BUYER as part of the business relationship, regarding plans, technical proposals and business details, including information contained in any electronic data carrier. The TENDERER also undertakes to exercise due and adequate care lest any such information is divulged.
- 2.10 The TENDERER commits to refrain from giving any complaint directly or through any other manner without supporting it with full and verifiable facts.
- 2.11 The TENDERER shall not instigate or cause to instigate any third person to commit any of the actions mentioned above.

- 2.12 If the TENDERER or any employee of the TENDERER or any person acting on behalf of the TENDERER, either directly or indirectly, is a relative of any of the officers of the BUYER, or alternatively, if any relative of an officer of the BUYER has financial interest/stake in the TENDERER's firm, the same shall be disclosed by the TENDERER at the time of filing of tender. The term relative for this purpose would be as defined in Section 6 of the Companies Act 1956.
- 2.13 The TENDERER shall not lend to or borrow any money from or enter into any monetary dealings or transactions, directly or indirectly, with any employee of the BUYER.

#### 3. Previous Transgression

3.1 The TENDERER declares that no previous transgression occurred in the last three years immediately before signing of this Integrity Pact, with any other company in any country in respect of any corrupt practices envisaged hereunder or with any Public Sector Enterprise in India or any Government Department in India that could justify TENDERER's exclusion from the tender process 3.2 The TENDERER agrees that if it makes incorrect statement on this subject, TENDERER can be disqualified from the tender process or the contract, if already awarded, can be terminated for such reason.

### 4. Earnest Money Deposit

- 4.1 While submitting bid, the TENDERER shall deposit an amount mentioned in tender document as Earnest Money, with the University through the following instruments:
- 4.1.1 The tenderer should submit an EMD amount through NEFT/RTGS. The Technical Bid without EMD would be considered as UNRESPONSIVE and will not be accepted. The EMD will be refunded without any interest to the unsuccessful tenderer after the award of contract.
- 4.2 No interest shall be payable by the BUYER to the TENDERER on Earnest Money for the period of its currency.
- 4.3 In case of successful TENDERER, EMD will be returned within 30 days from the date of submission of Performance Bank Guarantee.

#### 5. <u>SECURITY DEPOSIT / PERFORMANCE GUARANTEE:</u>

- 5.1 Performance Bank Guarantee is mandatory.
- 5.2 Successful tenderer should submit performance guarantee as prescribed above to be received in the <u>Head, Department of Botany, Mohanlal Sukhadia University Udaipur</u> at the time of installation. The performance bank guarantee to be furnished in the form of Bank Guarantee as per security of the tender documents, for an amount covering 2.5% of the purchase order value.
- 5.3 The Performance Bank Guarantee should be established in favour of" Head, Department of Botany, Mohanlal Sukhadia University through any Bank situated at Udaipur or outstation with

a clause to enforced the same on their local branch at Udaipur. Performance Bank Guarantee shall be for the due and faithfully performance of the contract and shall remain binding, notwithstanding such variations, alterations for extensions of time as may be made, given, conceded or agreed to between the successful tenderer and the purchaser under the terms and conditions of acceptance to tender.

- 5.4 The successful tenderer is entirely responsible for due performance of the contract in all respects according to the speed, intent and meaning of the terms and conditions and specification and all other documents referred to in the acceptance of tender.
- 5.5 The performance bank guarantee shall be kept valid during the period of contract and shall continue to be enforceable for a period of two years from the date of order acknowledgement.

### 6. Sanctions for Violations

- 6.1 Any breach of the aforesaid provisions by the TENDERER or any one employed by it or acting on its behalf (whether with or without the knowledge of the TENDERER) shall entitle the BUYER to take all or any one of the following actions, wherever required:
- 6.1.1 To immediately call off the pre-contract negotiations without assigning any reason or giving any compensation to the TENDERER. However, the proceedings with the other TENDERER(s) would continue.
- 6.1.2 The Earnest Money Deposit (in pre-contract stage) and/or Security Deposit/Performance Bank Guarantee (after the contract is signed) shall stand forfeited either fully or partially, as decided by the BUYER and the BUYER shall not be required to assign any reason therefore.
- 6.1.3 To immediately cancel the contract, if already signed without giving any compensation to the TENDERER.
- 6.1.4 To recover all sums already paid by the BUYER, and in case of an Indian TENDERER with interest thereon at 2% higher than the prevailing Prime Lending Rate of State Bank of India, while in case of a TENDERER from a country other than India with interest thereon at 2% higher than the LIBOR. If any outstanding payment is due to the TENDERER from the BUYER in connection with any other contract for any other stores, such outstanding payment could also be utilized to recover the aforesaid sum and interest.
- 6.1.5 To encash the advance bank guarantee and performance guarantee/warranty bond, if furnished by the TENDERER, in order to recover the payments, already made by the BUYER, along with interest.
- 6.1.6 To cancel all or any other contracts with the TENDERER. The TENDERER shall be liable to pay compensation for any loss or damage to the BUYER resulting from such cancellation/rescission and the BUYER shall be entitled to deduct the amount so payable from the money(s) due to the TENDERER.
- 6.1.7 To debar the TENDERER from participating in future bidding processes of the Government of India for a minimum period of two years, which may be further extended at the discretion of the BUYER.

- 6.1.8 To recover all sums paid in violation of this pact by the TENDERER(s) to any middleman or agent or broker with a view to securing the contract.
- 6.1.9 In cases where irrevocable Letters of Credit have been received in respect of any contract signed by the BUYER with the TENDERER, the same shall not be opened.
- 6.1.10 Forfeiture of Performance Bank Guarantee in case of a decision by the BUYER to forfeit the same without assigning any reason for imposing sanction for violation of this Pact.
- 6.2 The BUYER will be entitled to take all or any of the actions mentioned at para 6.1.1 to 6.1.10 of this Pact also on the Commission by the TENDERER or any one employed by it or acting on its behalf (whether with or without the knowledge of the TENDERER), of an offence as defined in Chapter IX of the Indian Penal code, 1860 or Prevention of Corruption Act, 1988 or any other statute enacted for prevention of corruption.
- 6.3 The decision of the BUYER to the effect that a breach of the provisions of this pact has been committed by the TENDERER shall be final and conclusive on the TENDERER. However, the TENDERER can approach the independent monitor(s) appointed for the purposes of this pact.

### 7. Fall Clause

The TENDERER undertakes that it has not supplied/is not supplying similar product/systems or subsystems at a price lower than that offered in the present bid in respect of any other Ministry/Department of the Government of India or PSU and if it is found at any stage that similar product/system or subsystem was supplied by the TENDERER to any other Ministry/Department of the Government of India or PSU at a lower price, then that very price, with due allowance for elapsed time, will be applicable to the present case and the difference in the cost would be refunded by the TENDERER to the BUYER, if the contract has already been concluded.

### 8. Facilitation of Investigation

In case of any allegation of violation of any provisions of this pact or payment of commission, the BUYER or its agencies shall be entitled to examine all the documents including the Books of Accounts of the TENDERER and the TENDERER shall provide necessary information & documents in English and shall extend all possible help for the purpose of such examination.

#### 9. Law and Place of Jurisdiction

This Pact is subject to Indian Law. The place of performance and Jurisdiction is the Seat of the BUYER.

### 10. Other Legal Actions

The actions stipulated in this Integrity Pact are without prejudice to any other legal action that may follow in accordance with the provisions of the extant law in force relating to any civil or criminal proceedings.

### 11. Validity

- 11.1 The validity of this Integrity Pact shall be from date of its signing and extend upto 3 years or the complete execution of the contract to the satisfaction of both the BUYER and the TENDERER/ Seller, including warranty period, whichever is later. In case TENDERER is unsuccessful, this Integrity Pact shall expire after six months from the date of the signing of the contract.
- 11.2 Should one or several provisions of this pact turn out to be invalid, the remainder of this pact remains valid. In this case, the parties will strive to come to an agreement to their original intentions.

### 13. The parties hereby sign this Integrity Pact.

BUYER	TENDERER
Mohanlal Sukhadia University, Udaipur	Signature with seal
Date & Place:	Date & Place:
Witness	Witness
1.	1
(Indenter)	



## DEPARTMENT OF BOTANY MOHANLALSUKHADIA UNIVERSITY, UDAIPUR

Email: harish.botany1979@gmail.com

## **BID SUBMISSION**

### **Online Bid Submission:**

The Online bids (complete in all respect) must be uploaded online in Three Envelops as explained below:-

		Envelope – 1				
		(Following documents to be provided as single PL	OF file)			
Sl. No.	Documents	Content	File Types			
1.	Fee Documents	NEFT/RTGS/UTR No and Date/Bank Details Bid Fess RISL Processing Fee EMD Details etc.				
		Envelope – 2	l			
		(Following documents to be provided as single PDF file)				
Sl. No.	Documents	Content	File Types			
1.		Compliance Sheet as per Annexure – I	.PDF			
2.		Organization Declaration Sheet as per Annexure – II	.PDF			
3.		List of organizations/ clients where the same products have been supplied (in last two years) along with their contact number(s). (Annexure-III)	.PDF			
4.	Technical Bid	Format For Performance Bank Guarantee (Annexure IV)	.PDF			
5.		Mandate Form for Electronic Fund Transfer/RTGS Transfer (Annexure V)	.PDF			
6.		Integrity Pact (Annexure VI)	.PDF			
7.		Technical supporting documents in support of all claims made at Annexure-I	.PDF			
		Envelope – 3				
Sl. No.	TYPES	Content	File Type			
1.	Financial Bid	Price bid Annexure-VIIIA	BOQ			
		Annexure-VIIIB	BOQ			
2.		Financial Bid Documents	.PDF			



# DEPARTMENT OF BOTANY MOHANLAL SUKHADIA UNIVERSITY, UDAIPUR

Email: harish.botany1979@gmail.com

### **ANNEXURE -VII**

## **Training Requirement**

1.	Product Description	Two Dimensional Gel Electrophoresis Unit
2.	No of Attendees	30
3.	No. of Days	1-2 weeks
		a. Operational Training
4.	Type of Training	b. End User Training
		c. Maintenance Training

TENDERER Signature with seal



# DEPARTMENT OF BOTANY MOHANLAL SUKHADIA UNIVERSITY, UDAIPUR

Email: harish.botany1979@gmail.com

### Annexure-VIII-A

Date:

## **Subject: Purchase of <Item> (Following format is used for imported items)**

S.	Currency	Description and Specification of	Qty. in	Unit	Agency	Discount	Ex-works	Packing +	FOB/FCAAi	Insurance	CIF Price
No.		the Item	Units	Price			price	Handling +	rport Price	+ Freight	(f+g)
					(If		(1 - 1 - 1	DOC +	(C. 1)	(g)	
					applicable)		(d=a+b-c)	Inland	(f=d+e)		
				(a)	(b)			Freight +			
						(c)		FCA			
								Charges (e)			
1											
1											

Note: At any circumstances, it is the responsibility of the foreign supplier to hand over the material to our forwarder at the origin airport after completing all the inland clearing. No Ex-works consignment will be entertained.

Authorised Signature (With Seal)



# DEPARTMENT OF BOTANY MOHANLAL SUKHADIA UNIVERSITY, UDAIPUR

Email: harish.botany1979@gmail.com

### **Annexure-VIII-B**

For indigenous items please quote as per following format.

S. No.	Description and Specification of the Item	Qty. in Units	Unit Price in Rs.	GST%	Total Price in Rs.
1.					

Note: The above financial template should be strictly followed. Any deviation from the above template (in terms of description and specification of the item) may lead to cancellation of the tender

**Authorised Signature (With Seal)** 

## FINACIAL BID FORM (Please submit in PDF item wise rate)

To: Head, Department of Botany, Mohanlal Sukhadia University, Udaipur - 313001

<b>Quantity:</b>	1
nos	

Name of Supply:	Two	Dime	nsional	Gel	<b>Electro</b>	phoresis	Unit

Name of Supplier:

Sr. No.	Main component	Detailed specifications	Rate per unit including all cost (F.O.R., Udaipur) including all charges, custom duty and/or any other tax but excluding GST	Current rate of GST, if applicable (University is having DSIR certificate)
1.	First dimension Iso electric focusing	<ul> <li>System should include Individual Lane Control for running different samples, pH Gradients and focusing protocols in a single run.</li> <li>System should have touch screen User Interface for easily creating and editing protocols and setting up the program rapidly.</li> <li>System should include dedicated site for online data interpretation for Graphing data, comparing lanes and generating reports.</li> <li>System should include USB Port to export data for storage and analysis.</li> <li>System should include run mode flexibility- to run IPG strips gel Side Up, Gel Side Down and with cup loading configuration.</li> <li>System should have voltage 0-10,000 V, 1 V increments</li> </ul>		

		Comment was as should be 0, 100 as A marlane 1 as A interest.
		• Current range should be 0–100 μA per lane, 1 μA intervals
		Power range of 0–1 W per lane.
		Should come with all required accessories.
		System should have Peltier based cooling platform.
		Temperature range should be 10–25°C ±1.0°C @ max ambient
		23°C 18–25°C ±1.0°C @ max ambient 31°C.
		Focusing trays should be made of polycarbonate for
		contaminant free process.
		System should accommodate IPG strip length 7, 11, 13, 17, 18
		cm.
		System should have display QVGA resolution (320 x 240)
		touch screen or mouse control
		System should have ramping Step, linear, gradual, and hold
		voltage ramping for each focusing step. Hold mode as a final
		step to prevent diffusion when IEF is complete.
		System should have 2GB capacity for storing protocols.
		System should have following regulatory compliances:
		• Safety should have EN 61010-1:2001, IEC 61010-1:2001 Use
		NRTL to test for compliance to UL61010-1:2004 and
		CAN/CSA C22.2 No. 61010-1-04
		EMC EN61326 (1997 w/A1:98) Class A FCC Code of Federal
		Regulations, Title 47, Part 15, Subpart B, Class A
		Other approvals RoHS/WEEE Research Materials to
		determine level of EFUP
2.	Second	Larger gel size to run the sample from 13 cm or larger size of
	dimension Gel	the IPG strip
	Electrophoresis	

		Number of Gels: 1 – 2 or more
		Sample throughput: 1 – 26 samples/hour
		Total Buffer Volume: 1 L. or better
		Typical running conditions: 200V constant or better
		Support both precast and handcast gel runs
		Should have perfect alignment and leak free casting
		• Should supply 3 sample loading guide 12+2 well, 18 well, 26
		well
		Capability for <1 hr 2-D runs
		Should have integrated upper buffer chamber ensures leak-free
		operation
		Supplied with empty Cassette
		System Should have IEC-61010 electrical safety, CE & UL
		certified/ US-FDA Certified
		Unit should be supplied with suitable combs for IPG Well to use
		with Electrophoresis Cell with required gel size mentioned
		above.
		Second dimension unit should be capable for running the protein
		samples from IPG strip of 13 cm or larger size of IPG strip for
		second dimension resolution. Therefore, all the required
		accessories (with suitable comb) to make (gel casting) handcast
		gel and run for the second-dimension resolution should be
		supplied.
3.	Vertical Gel Electrophoresis	A separate unit of vertical gel electrophoresis should be supplied
	F 1201 0 210	which is capable of running independent simple 1-D SDS-
		PAGE with suitable comb. Therefore, all the required

		accessories (like suitable comb) to make (gel casting) hand cast
		gel and run for the simple 1-D SDS-PAGE should be supplied.
		A blotting module for western blotting should be supplied with
		this unit.
4.	Power Supply	• Volts: 10-300 V
		• Current: 0- 400mA
		• Power: 75 W
		Type of output: Constant current, Voltage
		• Timer: 1-99 hrs
		Programmable
		No of output: 4
		Safety features like No load detection, sudden load change
		detection, overload/short circuit detection, over voltage
		detection.
		Operating temperature: 0 – 40degree C
		Display: 3-digit LED
5.	Software for 2-D	Automatic Spot Detection & Quantification.
	gel analysis	Simultaneous analysis of more than 10 gels.
		Automatic matching without manual land marking
		Ability to detect and separate merged, overlapping spots.
		Background removal algorithm for most accurate representation
		of faint abundance proteins.
		Gel Filter for noise removal.
		Gel Normalization with total quantity in valid spots or total
		density in gels or local regression levels

		Gel land marking and automatic spot matching
		System should be able to export XML data and JPEG file format
6	Cal Imagina	X7 (1) ( ) ( ) ( ) ( ) ( ) ( ) ( ) ( ) ( )
6.	Gel Imaging System	Versatile system to support wide range of applications like
		Fluorescence, Colorimetry/densitometry & Gel documentation.
		System should be compatible with different dyes like Ethidium
		Bromide, Gel Green, SYBR Green I or SYBR Safe Dye,
		Coomassie Blue Stain, Silver Stain, SYPRO Ruby.
		System should be compatible with stain-free gel image capture
		for protein gels
		The Gel Imaging System should feature touch screen (with
		onboard software)
		Onboard software for image capture, add notes, option for
		export, print and user account management should be available
		on the touch screen
		The Gel Imaging System should that automatically recognize
		application-specific tray and adjust imaging parameters and
		software options accordingly
		The Gel Imaging System should offer precalibrated focus for
		any zoom setting or sample height.
		• The Gel Imaging System should have a high-resolution
		scientific grade 16-bit CMOS camera, a light-tight compact
		darkroom & UV Transilluminator.
		System should be supplied with White, blue and UV-and strain-
		free tray for multiple application along with UV protective
		shield.
		Minimum image area - 20 x 12 cm (W x H)
L		- William mage area - 20 x 12 cm (W x 11)

- Pixel density (gray levels) 65500 or better
- Dynamic range >3.5 orders of magnitude
- Emission filter: 535–645 nm
- Data output: 16-bit or 8-bit: SCN, TIFF, JPEG image files
- The Imaging System should offer a camera resolution greater than 6 megapixels CMOS & carry a pixel size of 2.4 μm x 2.4 μm or better
- The Instrument should offer Trans-UV and Epi White as Standard Illumination. White Light Trans Illumination should be supplied with the system.
- Appropriate flat fielding correction should be automatically and consistently applied to image data for every application.
- Complete unit should be compact to save valuable bench space

Specifications of the 1-D gel Image Analysis Software in Gel imaging system:

- Automated lane and band identification, molecular weight or base pairs evaluation, band sizing, and quantitation based on a reference band or quantity standards
- Snapshot tool to copy images, lane profiles, and graphs
- Allow Publishing resolution (dpi) and publishing dimension to be specified with a one-click image export for publication.
   Provides functionality to produce image at user-defined dpi and dimension
- No requirement of license for registration. The full version software should be installable in large number of computers.

		Lifetime free upgrades of Software & Firmware should be
		available.
		System should be supplied with PC compatible analysis
		software and should also have option for Mac version in case
		required in future
		16-bit and 8-bit tiff images with a one-click export option
		Software should produce customizable reports with data
		organized as desired, including, Lane and band identification,
		molecular weight or base pair evaluation. Band sizing and
		quantification are based on a reference band or quantity
		standards.
		Software should offer live update of results with any change of
		analysis parameters.
		Local/Global background subtraction for individual bands
7.	Laptop	• M1 chip with 8-core CPU, 8-core GPU, unified 8GB RAM,
		512GB SSD storage, 13 inch or larger size display.
8.	Additional technical specifications	Entire chain of system of Two-dimensional gel electrophoresis
		(First dimension Iso electric focusing, Second dimension Gel
		Electrophoresis, Power Supply, Software for 2-D gel analysis,
		Gel Imaging System), should be of same make/brand.
		Customized items of different make/brand will not be
		acceptable. However, laptop can be of other reputed
		brand/make.
		System should be supplied with startup Consumables during
		installation like:
		• IPG Strips 7cm – 4-7pH – 3 packs
		• IPG Strips 7cm – 3-10pH – 3 Packs

		IPG Strips 11cm – 4-7pH– 3 Packs		
• IPG Strips 11cm – 3-10pH – 3 Packs				
		• 2-D Starter kit – with mineral oil, equilibration buffer and		
rehydration buffer along with other consumables required to run				
		the system.		
9.	Warranty	Three years complete warranty on complete instrument		

Signature	of Tendere	r
Bighatuit	or remacre	

	Name:
	Designation:
Organization Name:	
Contact No.:	

#### Form of Bid-Securing Declaration on non-judicial stamp of Rajasthan state @ Rs.50/-

То:	
Alternative No.:	
Bid No.:	
Date:	

We, the undersigned, declare that:

We understand that, according to your conditions, bids must be supported by a Bid-Securing Declaration. We accept that we are required to pay the bid security amount specified in the Term and Condition of Bid, in the following cases, namely:

- (a) when we withdraw or modify our bid after opening of bids;
- (b) when we do not execute the agreement, if any, after placement of supply/work order within the specified period;
- (c) when we fail to commence the supply of the goods or service or execute work as per supply/work order within the time specified;
- (d) when we do not deposit the performance security within specified period after the supply/work order is placed; and
- (e) if we breach any provision of code of integrity prescribed for bidding specified in the Act and Chapter VI of these rules.

In addition to above, the State Government shall debar us from participating in any procurement process undertaken for a period not exceeding three years in case where the entire bid security or any part thereof is required to be forfeited by procuring entity.

We understand this Bid Securing Declaration shall expire if:

- (i) we are not the successful Bidder;
- (ii) the execution of agreement for procurement and performance security is furnished by us in case we are successful bidder;
- (iii) thirty days after the expiration of our Bid,

- (iv) the cancellation of the procurement process; or
- (v) the withdrawal of bid prior to the deadline for presenting bids, unless the bidding documentsstipulate that no such withdrawal is permitted.

Signed.:		
Name :		
In the capacity of:		
Duly authorized to sign the bid for and on behalf of:		
Dated on	day of	
Corporate Seal		

[Note: **In** case of a Joint Venture, the Bid Securing Declaration must be signed in name of all partners of the Joint Venture that is submitting the bid.

### **AGREEMENT**

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

An agreement made thisday of
between
called as "the Supplier"), which expression shall, where the context so admits, be deemed to
include his heirs successors, executers and administrators of the one part and the Head,
Department of Geography, Mohanlal Sukhadia University, Udaipur 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)
(Hereinafter "the Contract Price").

### NOW THIS AGREEMENT WITNESSTH AS FOLLOWS:

- 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

- 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