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MOHANLAL SUKHADIA UNIVERSITY, UDAIPUR

DEPARTMENT OF BOTANY

Procurement of Supply, Installation and Commission

"Advance Phase Contrast Microscope with Digital Camera"

E Bid No.: MLSU/BOT/RUSA 2.0/DSK/2024-25/07

Issue Date: 27-12-2024

Last Date for Bid Submission: 07-01-2025

Issued By:

Head Department of Botany Mohanlal Sukhadia University, Udaipur (Rajasthan) Email ID: rusabotany@gmail.com

Email: rusabotany@gmail.com

Dated: 27-12-2024

MLSU/BOT/RUSA 2.0/DSK/2024-25/07

Online bids are invited from the interested firms under single stage two bid system for Procurement of Supply, Installation and Commissioning of "Advance Phase Contrast Microscope with Digital Camera" at Mohanlal Sukhadia University Udaipur Rajasthan. Manual bids shall not be entertained. Tender document may be downloaded from websites SPPP Rajasthan (https://sppp.rajasthan.gov.in),e-procurement (https://eproc.rajasthan.gov.in) and University website (https://mlsu.ac.in) as per schedule as given in CRITICAL DATE SHEET as under.

NOTICE INVITING E-TENDER

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 and obtain clarification. The decision of the Head, Department of Botany 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 (Rajasthan)

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CRITICAL DATE SHEET, TENDER FEE AND EMD

Tender No	MLSU/BOT/RUSA 2.0/DSK/2024-25/07 Dated: 27-12-2024
Date for issue E-Bid	27-12-2024
Date & Time Publishing	28-12-2024 28-12-2024 (05:00 PM)
Document Downloads/ Sale Start Date	28-12-2024 (05:00 PM)
& Time	20 12 2021 (03.00114)
Website for Downloading Bid	https://eproc.rajasthan.gov.in
Documents	3. F. 177 - 17 - 17 - 17 - 17 - 17 - 17 - 17
Bid Submission Start Date & Time	28-12-2024 (05:00 PM)
Bid Submission End Date & Time	07-01-2025 (06:00 PM)
Date & Time for Opening of Bids	08-01-2025 (11:00 AM)
Date & Time for Pre Bid Meeting	04-01-2025 (01:00PM) Offline Mode
	At Department of Botany
	Mohanlal Sukhadia University, Udaipur (Rajasthan)
	Email ID: rusabotany@gmail.com
Tender Fee	RISL bid processing fees of Rs. 500/-
EMD	for MD RISL, Jaipur payable at Jaipur
	(Managing Director, RajComp Info Services Ltd.)
	Rs. 1000/- (For Tender Fee)
	Rs. 30000/- (For EMD 2%)
	(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
1	(This is mandatory that UTR Number is provided)
Security Deposit	5.0%
Warranty	1 year
Bid Validity	365 days
Address for Communication	Department of Botany
	Mohanlal Sukhadia University, Udaipur (Rajasthan)
	Email ID: rusabotany@gmail.com

^{*.*} The expenditure on this subject matter of Bid will be met by budgetary resources under RUSA 2.0 Project, sanctioned to Head, Department of Botany Mohanlal Sukhadia University, Udaipur Rajasthan.

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<u>DEPARTMENT OF BOTANY, MOHANLAL SUKHADIA UNIVERSITY, UDAIPUR</u> <u>NOTICE INVITING E - BID No. : MLSU/BOT/RUSA 2.0/DSK/2024-25/07 DATED: 27-12-2024</u>

One (01) single stage online unconditional bids under two-cover system are invited for the Procurement of Supply, Installation and Commissioning of "Advance Phase Contrast Microscope with Digital Camera" for Research purpose from manufacturers/ authorized distributors/ authorized dealers up to 06:00 PM of 07-01-2025.

Details of required number of items, specifications and other terms and conditions etc. may be seen in the Bidding Documents on the website https://eproc.rajasthan.gov.in and University website www.mlsu.ac.in

NIB Code	
UBN No	

Dr. Vineet Soni, Head of Department

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TECHNICAL SPECIFICATIONS

S. No.	Name of Article: Procurement of Supply, Installation and Commissioning of "Advance Phase Contrast Microscope with Digital Camera" (Quantity: 1 Unit)	Estimated Cost in INR including 18% GST	Tender fee (Rupees) & RSIL Fee	Bid Security/ EMD 2%
Optical System	Upright compound microscope with optical system of Harmonically Compensated for better clarity	Rs. 15,00,000/-*	Rs. 1000/- (For Tender Fee) RISL bid processin g fees of Rs. 500/-	Rs. 30000/-
Contrast	Bright field, dark field and Phase contrast.			
Illumination	Microscope should have long life LED transmitted light illumination with automatic intensity reproduction system with life span of 50,000 hrs or batter.			
Nosepiece	Microscope should have Motorized sextuple objective turrets with facility of Toggle mode to automatically switch between any two objectives, Revolving 3-5 positions			
Condenser	Motorized Condenser and Automatic light intensity control for Bright field, Dark field and phase contrast.			
Focusing	3 Step focusing for coarse, medium, and fine focussing, focus torque adjustment and adjustable focus stop			

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Observation Trinocular phototube with 30 degrees tube interpupillary viewing angle adjustment 55-75 mm, with constant focus and three position beam splitter vis/phot: 100/0/100% position. Ergonomy Microscope should have height adjustable ergo base plate for variable position of the microscope about ergonomics, height of the ergo lift 40mm, height adjustable from 40mm up to 80mm and tiltable. Wide field paired 10x evepiece with Eyepiece field of view of 20mm or more and diopter adjustment on both sides. Objective Plan achromatic grade objectives: 1. 4/5x with N.A 0.12 or better 2. 10x with N.A 0.25 or better 3. 20x with N.A 0.40 or better 4. 40x with N.A 0.65 or better 5. Oil immersion 100x with N.A. 1.25 or better objectives should capable of doing Bright field, phase contrast and dark field imaging. Rectangular Stage plate with ultra Stage hard ceramic surface or equivalent with travel range 76mm x 25mm or batter with vernier reading and double slide holder for one hand operation Digital color camera with following Camera specification CMOS sensor: 1/2.3" Pixel Size : 1.5 μm x 1.5μm or better Speed: 4k 60fps live image via HDMI Resolution: 12 MP or more Shutter mode Rolling Exposure range 100 µs – 120 ms or better Triggering Footswitch Sensor cooling Passive Gain 0-42 dB Optical filter 650 nm IR cut-off filter Video Recording speed: 30 fps or batter Additional feature required : stand alone operation possible, Capture directly to USB Stick or send images via E-Mail Interface C USB3.1 type connection/HDMI/wifi Via USB

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Software	Software should have the following	
	functionality:	
	- Control the cameras for image	
	acquisition	
	- Full control of camera features	
	exposure, gain, binning, gamma, region	
	of interest	
	-Workflow oriented user interface for	
	ease of use and ergonomy	
	- Intuitive setup of experiment	
	conditions for fast setup and	
	acquisition	
	- Optimized data handling for fast	
	acquisition and large data set display	
	- Automatic recording of experimental	
	parameters for reference or reloading	
	for subsequent experiments/ Movie	
	recorder	
	- Customized user and system settings	
	- Easy Operation Mode for user specific	
	layout of the user interface	
	Viewing, organising and exporting data	
	- Full image viewer including	
	annotations, image overlay, image	
	gallery and image comparison	
	- Review capability for all acquisition	
	parameters	
	Image Processing & Measurement:	
	-All functional elements can be	
	displayed either in a reduced or full	
	size mode	
	- Adjust contrast, brightness and	
	gamma on every image	
	- Merge, crop and image arithmetic	
	- Intensity, length and area	
	measurements	
	- Measurement of area intensities	
	through image stacks	
	- Online measurement whilst	
	displaying a live image	
	- Parallax correction	
	- Features context sensitive Help.	
	Includes User Manual.	
Upgradation	Supplied should quote that model	
	which have facility to upgrade with	
	DIC, Polarization and fluorescence in	
	future.	
	Letter from Original Equipment	
	manufacturer should be enclosed.	

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Other	 Microscope, Digital camera &
	software are from same
	manufactures for better
	integration and future
	upgradation.
	 Link of the manufacture's
	website should be provided to
	cross check the specification
	 System Must be US/European
	 Quick service support (3 Days)
	for smooth functioning of
	instrument
	 All the specification must be
	mentioned in the authentic
	brochure of the instrument.
	 User list should be provided.
Required Item	System Should be Supplied with
	Branded Desktop PC,
	Having following configure:
	Intel Core i5, 8 GB RAM or batter, 1 TB
	Hard Disk or more, 2 GB Graphic Card
	or higher,
	USB: 3 Port, Windows 10 or advance,
	21" LED HD Monitor or more.
Warranty	1 year from the date of installation and
	after warranty period 2 year AMC.

^{*} Scope of Supply (Bid price to include all cost components): Supply Installation Testing Commissioning of Goods and Training of operators and providing statutory Clearances required if any

Dr. Vineet Soni, Head of Department

^{*.*} Technical Specification Sagest by Technical & Purchase Committee as per requirement of Equipment RUSA-MHRD funded Research project Sanction to Department of Botany, MLSU, Udaipur Rajasthan.

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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 15.00 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**. 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.

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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** should be inclusive of all charges such as labour, transportation, storage etc. but exclusive of applicable taxes/GST. 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/annexure 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 Act 2012, 2013 and Amendment 2017, & 2018**. 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.**

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2.5. Evaluation of Technical Bid

- 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

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- **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 tenders 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 decide on the basis of quality and performance of past installations.
- **1.10.** Approved tender will have to execute an agreement in prescribed format on a non-judicial stamp of Rs. 0.25% or as per Purchase order of the order value at his own cost within 30 days from receipt of the order along with security money.
- **1.11.** Prices of Optional items will be considered for price evaluation of bids.

2. EMD

- 3.1 The Tender 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 tender 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.

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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 5.0% 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.

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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 3 months (90 days) 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:

- Four Copies of the Supplier invoice showing contract number, goods' description, quantity.
- Unit price and total amount.
- o Insurance Certificate if applicable.
- o Manufacturer's/Supplier's warranty certificate.
- o Inspection Certificate issued by the nominated inspection agency, if any.
- Supplier's factory inspection report.
- o Certificate of Origin (if possible by the beneficiary).
- o 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.

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11. 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:

DEPARTMENT OF BOTANY
MOHANLAL SUKHADIA UNIVERSITY, UDAIPUR

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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.

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20. Installation & Demonstration:

20.1. The supplier is required to do the installation and demonstration of the equipment within three 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.

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23. AMC: As per technical specification of equipment.

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. 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.

26. 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).

27. 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.

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MOHANLAL SUKHADIA UNIVERSITY, UDAIPUR

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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.

28. 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.

29. 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 there on 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.

30. Termination for Default:

The Purchaser may, without prejudice to any other remedy for breach of contract, by written notice of default sent to the Supplier, terminate the Contract in whole or part:

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- 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.

31. Downtime:

- During the warranty period, not more than 2% downtime will be permissible. For every day exceeding permissible downtime, penalty of 1/365 of the 1% FOB value will be imposed. Downtime will be counted from the date and time of the filing of complaint with in the business hours.
- Supplier should clearly mention about their service set up in India (preferably in Northern part of India) for prompt service support along with contact details of service engineers specially trained on the offered system.
- In case of machine remain non-operational due to probe breakdown the supplier must arrange alternative probe for the repair time.

32. Training of Personnel:

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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.**

33. Compliancy certificate:

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

34. 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.

35. 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.

Dr. Vineet Soni,

Head of Department

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Email: rusabotany@gmail.com

ANNEXURE-I

COMPLIANCE SHEET: TECHNICAL SPECIFICATION

Co: Head, Department of Botany, Mohanlal Sukhadia University, Udaipur - 313001	
Name of Supply:	
Name of Supplier:(The Bidder must write Yes/No against each specification of the equipment. Any deviation may	be
mentioned explicitly)	

TECHNICAL SPECIFICATIONS

S. No.	Name of Article: Procurement of Supply, Installation and Commissioning o "Advance Phase Contrast Microscope with Digital Camera"	Quantity	Compliance (Yes/No)	Deviation, if any
Optical System	Upright compound microscope with optical system of Harmonically Compensated for better clarity			
Contrast	Bright field, dark field and Phase contrast.			
Illumination	Microscope should have long life LED transmitted light illumination with automatic intensity reproduction system with life span of 50,000 hrs or batter.			
Nosepiece	Microscope should have Motorized sextuple objective turrets with facility of Toggle mode to automatically switch between any two objectives, Revolving 3-5 positions			

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Motorized Condenser and Automatic light intensity Condenser control for Bright field, Dark field and phase contrast. **3 Step focusing** for coarse, medium, and fine focussing, Focusing focus torque adjustment and adjustable focus stop **Observation** Trinocular phototube with 30 degrees viewing angle interpupillary adjustment 55-75 mm, with constant tube focus and three position beam splitter vis/phot: 100/0/100% position. Ergonomy Microscope should have height adjustable ergo base plate for variable position of the microscope about ergonomics, height of the ergo lift 40mm, height adjustable from 40mm up to 80mm and tiltable. Evepiece Wide field paired 10x eyepiece with field of view of 20mm or more and diopter adjustment on both sides. Objective Plan achromatic grade objectives: 6. 4/5x with N.A 0.12 or better 7. 10x with N.A 0.25 or better 8. 20x with N.A 0.40 or better 9. 40x with N.A 0.65 or better 10. Oil immersion 100x with N.A 1.25 or better All objectives should be capable of doing Bright field, phase contrast and dark field imaging. Rectangular Stage plate with ultra-hard ceramic Stage surface or equivalent with travel range 76mm x 25mm or batter with vernier reading and double slide holder for one hand operation Digital color camera with following specification Camera CMOS sensor: 1/2.3" Pixel Size : 1.5 μm x 1.5μm or better Speed: 4k 60fps live image via HDMI Resolution: 12 MP or more Shutter mode Rolling Exposure range 100 µs – 120 ms or better Triggering Footswitch Sensor cooling Passive Gain 0-42 dB

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Optical filter 650 nm IR cut-off filter Video Recording speed: 30 fps or batter Additional feature required : stand alone operation possible, Capture directly to USB Stick or send images via E-Mail Interface: USB3.1 type C connection/HDMI/wifi Via USB Software should have the following functionality: Software Control the cameras for image acquisition Full control of camera features exposure, gain, binning, gamma, region of interest -Workflow oriented user interface for ease of use and ergonomy - Intuitive setup of experiment conditions for fast setup and acquisition - Optimized data handling for fast acquisition and large data set display - Automatic recording of experimental parameters for reference or reloading for subsequent experiments/ Movie recorder Customized user and system settings Easy Operation Mode for user specific layout of the user interface Viewing, organising and exporting data - Full image viewer including annotations, image overlay, image gallery and image comparison - Review capability for all acquisition parameters Image Processing & Measurement: -All functional elements can be displayed either in a reduced or full size mode Adjust contrast, brightness and gamma on every image Merge, crop and image arithmetic Intensity, length and area measurements Measurement of area intensities through image stacks Online measurement whilst displaying a live image Parallax correction Features context sensitive Help. Includes User Manual. **Upgradation** Supplied should quote that model which have facility to upgrade with DIC, Polarization and fluorescence in future. Letter from Original Equipment manufacturer should be enclosed.

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Other Required Item	 Microscope, Digital camera & software are from same manufactures for better integration and future upgradation. Link of the manufacture's website should be provided to cross check the specification System Must be US/European Quick service support (3 Days) for smooth functioning of instrument All the specification must be mentioned in the authentic brochure of the instrument. User list should be provided. System Should be Supplied with Branded Desktop PC, Having following configure: Intel Core i5, 8 GB RAM or batter, 1 TB Hard Disk or more, 2 GB Graphic Card or higher, USB: 3 Port, Windows 10 or advance, 21" LED HD Monitor or more. 		
Warranty	1 year from the date of installation and after warranty period 2 years AMC.		

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

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

We,here	by certify that all the information and data
furnished by our organization with regard to these ten best of our knowledge. I have gone through the specifica agree to comply with the requirements and intent of spe	tions, conditions and stipulations in details and
I/We hereby unconditionally accept the tended document(s)/corrigendum(s) in its totality/entirety.	r conditions of above-mentioned tender
This is certified that our organization has been authorized Tender. We further certify that our organization meets a in this tender document. Moreover, OEM has agreed to product updates and extend support for the warranty.	ll the conditions of eligibility criteria laid down
The corrigendum(s) issued from time to time by your taken into consideration, while submitting this acceptant	
We, further specifically certify that our organization has Holiday by any Institutional Agency/ Govt. Department/ Pu	· · · · · · · · · · · · · · · · · · ·
The prices quoted in the financial bids are subsidized Sukhadia University -Udaipur.	due to academic discount given to Mohanlal
NAME & ADDRESS OF	
THE Vendor/ Manufacturer / Agent	
(In case of on-line payment of Tender Fees)	
Phone	
E-mail	
Contact Person Name	
Mobile Number	
TIN Number	
PAN Number	
UTR No. (For Tender Fee) (In case of on-line payment of EMD) UTR No. (For EMD)Other Details	
Name: Seal of the Company	(Signature of the Tenderer)

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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 valid authorized dealer certificate from principal firm	
6	Warranty Period for the Instruments Quoted	
7	Attach Technical Manual/Specification Sheet published by the Manufacturer (it is mandatory to attach Technical Specification Sheet/Technical manual) failing which Tender will be rejected.	
8	No of years of experience in providing the supply, installation and after sales service.	
9	Bidder must attach copy of purchase order/work order/ work completion or satisfaction certificate from customers to prove the prior experience of order	
10	Average turnover of rupees equal to tender value in previous three financial year of Firm is required. (to be attached)	
11	GST Registration Number & date.	
12	PAN number of the firm	
13	Whether your firm has been blacklisted by any Government/ PSU /Board / University. Submit an undertaking Submit an undertaking on Non-judicial stamp of Rs. 100. The same should be submitted in Department in hard copy	

Signature of the Authorized Signatory Rubber stamp of the firm

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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)

Name of the organization	Name of Contact Person	Contact No.
Name of application and sigh	ist / Coursing Franciscours who ha	the technical commetence
	list / Service Engineer who ha luoted product during the wa	
to handre and support the q	fuoteu product during the wa	runty period.
Name of the organization	Name of Contact Person	Contact No.
Signature of Tenderer		
Signature of Tenuerer		
Name:		
Name.	 .	
Designation:		
8		
Organization Name:		
Contact No.:		

Email: rusabotany@gmail.com

ANNEXURE-IV

FORMAT FOR PERFORMANCE BANK GUARANTEE

(To be typed on Non-judicial stamp paper of the value of Indian Rupees of One Hundred) (TO BE ESTABLISHED THROUGH ANY OFTHE 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.)

To,

Mohanlal Sukhadia University
Udaipur-313001
India

LETTER OF GUARANTEE

				University .dt						
supply Guarar Rs	the entee Bo mance	quipment / ond in favou and v	machinery r of "Mohan alid till thr o	ent requires etc. in respo Ilal Sukhadia ee years/ Wa e submitted w	nse thereto University arrantee/ (shall e , Udaip Guarant	stablish a ur" in the ee perio	an irrevocabe form of Ban od from the	ole Perfo nk Guara date of	ormance antee for issue of
of the machin	condi nery, e	tions referr tc. this ban	ed in tende k shall pay	EES that in the document to Mohanlal (/ purchase	e order	/ perfor	mance of th	ne equij	pment /
the sai	id Tend	derer (Seller		cision of Moha itted a breacl ling.					,	
contair	ned sha	all not be af	-	e bank & brand y change in the			_	•		
Notwi	thstan	ding anythi	ing containe	ed herein:						
1.	Our li	ability unde	r this Bank (Guarantee sha	ll not excee	d Rs		(Indian Rupe	es only	
2.	This E	Bank Guaran	tee shall be v	alid up to	(date) an	d			

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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 situated at
Yours truly,
Signature and seal of the guarantor:
Name of Bank:
Address:
Date:
Instruction to Bank: 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

Email: rusabotany@gmail.com

MANDATE FORM FOR ELECTRONIC FUND TRANSFER/RTGS TRANSFER

																Γ	ate:	/	′	/	
The	Head																				
Dep	oartment of BOTAN	Y																			
Mo	hanlal Sukhadia Uni	versity, Ud	laipu	ır																	
Uda	ipur-313001																				
	: Authorization for re ough Electronic Fund						Mo]	ha	nla	l Su	kha	adia	a Uni	ive	rsit	y, Uc	laipu	ır			
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	PIN Code						inch														
	MICR No					Dia	ilicii	CC	Jue												
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	IFS Code:(11 digit a	lphanumer	ric co	de)																	
	Account Type	Savings				Cui	rent	t					Ca	ash	. Cre	dit		-			
	Account Number:																				
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Sig N <i>.B</i>	nature of the Authon : Please fill in the inf licable.							coi	mpi	uter	· ty _l	pea	l; ple	as						5	

ANNEXURE VI

Email: rusabotany@gmail.com

(To be printed on Supplier's letterhead)

INTEGRITY PACT

This pre-bid pre-contract Agreement hereinafter called the Integrity Pact is made on.....

GENERAL

Day of the month of	between, on one hand, the Governor of Rajasthan
acting through Registrar, Mohanlal Sukha	lia University, Udaipur 313001.
Hereinafter called the "BUYER" of the first	part and M/S
represented by Shri	, Director /Chief Executive Officer/ General Manager
hereinafter called the "TENDERER/Seller"	f the second part.
WHEREAS the BUYER proposes to pro	cure (Name ofthe
WHEREAS the TENDERER is undertaking/partnership/registered expo	ERER/ Seller is willing to offer/has offered the stores and a private company/public company/Government rt agency, constituted in accordance with the relevant law in phononous Body/Department of the Government of India resident of India.
	ruption by following a system that is fair, transparent and free or to, during and subsequent to the currency of the contract to 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. <u>COMMITMENTS OF THE BUYER:</u>

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

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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, favour, 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

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For bearing 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.

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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. SECURITY DEPOSIT /PERFORMANCE GUARANTEE:

- 5.1 Performance Bank Guarantee is mandatory.
- 5.2 Successful tenderer should submit performance guarantee as prescribed above to be received in the **Head, Department of Botany, Mohanlal Sukhadia University Udaipur** 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 5.0 % 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

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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.

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- 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

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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.

12. The parties hereby sign this Integrity Pact.

Signature of Tendere	er
Name:	
Designation:	
Organization Name: _	
Contact No.:	

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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 PDF 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.	.PDF
		Envelope – 2	
		(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/three 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	BOQ
2.		Financial Bid Documents Annexure-VIIIA (Boq Copy Attached with Bid Documents)	.PDF

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AGREEMENT

(To be executed on a non-judicial stamp)

NOW THIS AGREEMENT WITNESSTH ASFOLLOWS:

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

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

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

DEPARTMENT OF BOTANY MOHANLAL SUKHADIA UNIVERSITY, UDAIPUR

Email: rusabotany@gmail.com

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Services and to remedy defects therein in conformity in all respects with the provisions of the Contract.

4. The Procuring Entity hereby covenants to pay the Supplier in consideration of the provision of the Goods and Related Services and the remedying of the defects therein, the Contract Price or such other sum as may become payable under the Provisions of the contract at the times and in the manner prescribed by the Contract.

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

Witness 1	Signed by:
	(for the Supplier)
	Name
	Designation
	Address
Witness 2	Signed by:
	(for the Procuring Entity)
	Name
	Designation
	Address

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Email: rusabotany@gmail.com

ANNEXURE -VII

Training Requirement

1.	Product Description	Procurement of Supply, Installation and Commissioning of "Advance Phase Contrast Microscope with Digital Camera"
2.	No of Attendees	15-30
3.	No. of Days	1 weeks
4.	Type of Training	a. Operational Training
		b. End User Training
		c. Maintenance Training

TENDERER Signature with seal

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Annexure-VIII-A

For indigenous items please quote as per following format.

S. No.	2 cours peron units	Qty. in	Unit Price in Rs.	GST 18 %	Total Price in Rs.
	Specification of the Item	Units	(A)	(B)	(A+B)
1.	Procurement of Supply,				
	Installation and				
	Commissioning of				
	"Advance Phase				
	Contrast Microscope				
	with Digital Camera"				

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)

Email: rusabotany@gmail.com

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

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

Name of Supply: Procurement of Supply, Installation and Commissioning of "Advance Phase Contrast Microscope with Digital Camera"

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Name of Supplier:

S. No.	Name of Article: Procurement of Supply, Installation and Commissioning of "Advance Phase Contrast Microscope with Digital Camera"	Quantity	Rate per unit including all cost (F.O.R., Udaipur) Including all taxes and Other Charges, custom duty and/or any other tax but Excluding GST (A)	Current rate of 18 %GST, If applicable (B)	Total In Rs (A+B)
Optical System	Upright compound microscope with optical system of Harmonically Compensated for better clarity				
Contrast	Bright field, dark field and Phase contrast.				
Illumination	Microscope should have long life LED transmitted light illumination with automatic intensity reproduction system with life span of 50,000 hrs or batter.				
Nosepiece	Microscope should have Motorized sextuple objective turrets with facility of Toggle mode to automatically switch between any two objectives, Revolving 3-5 positions				
Condenser	Motorized Condenser and Automatic light intensity control for Bright field, Dark field and phase contrast.				
Focusing	3 Step focusing for coarse, medium, and fine focussing, focus torque adjustment and adjustable focus stop				
Observation tube	Trinocular phototube with 30 degrees viewing angle interpupillary adjustment 55-75 mm, with constant				

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	focus and three position beam		
	splitter vis/phot: 100/0/100%		
	position.		
Ergonomy	Microscope should have height		
	adjustable ergo base plate for		
	variable position of the microscope		
	about ergonomics, height of the ergo		
	lift 40mm, height adjustable from		
	40mm up to 80mm and tiltable.		
Eyepiece	Wide field paired 10x eyepiece with		
Бусріссс	field of view of 20mm or more and		
	diopter adjustment on both sides.		
Objective			
Objective	Plan achromatic grade objectives:		
	11. 4/5x with N.A 0.12 or better		
	12. 10x with N.A 0.25 or better		
	13. 20x with N.A 0.40 or better		
	14. 40x with N.A 0.65 or better		
	15. Oil immersion 100x with N.A		
	1.25 or better		
	All objectives should be		
	capable of doing Bright field ,		
	phase contrast and dark field		
	imaging.		
Stage	Rectangular Stage plate with ultra		
	hard ceramic surface or equivalent		
	with travel range 76mm x 25mm or		
	batter with vernier reading and		
	double slide holder for one hand		
	operation		
Camera	Digital color camera with following		
	specification		
	CMOS sensor: 1/2.3"		
	Pixel Size : 1.5 μm x 1.5μm or better		
	Speed: 4k 60fps live image via HDMI		
	Resolution : 12 MP or more		
	Shutter mode Rolling		
	Exposure range 100 μs – 120 ms or		
	better		
	Triggering Footswitch		
	Sensor cooling Passive		
	Gain 0-42 dB		
	Optical filter 650 nm IR cut-off filter		
	Video Recording speed: 30 fps or batter		
	Additional feature required : stand		
	alone operation possible, Capture		
	directly to USB Stick or send images		
	via E-Mail		
	Interface : USB3.1 type C		
	connection/HDMI/wifi Via USB		
Software	Software should have the following		

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	functionality:			
	- Control the cameras for image			
	acquisition			
	- Full control of camera features			
	exposure, gain, binning, gamma,			
	region of interest			
	-Workflow oriented user interface for			
	ease of use and ergonomy			
	- Intuitive setup of experiment			
	conditions for fast setup and			
	acquisition			
	- Optimized data handling for fast			
	acquisition and large data set display			
	- Automatic recording of			
	experimental parameters for			
	reference or reloading for			
	subsequent experiments/ Movie			
	recorder			
	- Customized user and system			
	settings			
	- Easy Operation Mode for user			
	specific layout of the user interface			
	Viewing, organising and exporting			
	data			
	- Full image viewer including			
	annotations, image overlay, image			
	gallery and image comparison			
	- Review capability for all acquisition			
	parameters			
	Image Processing & Measurement:			
	-All functional elements can be			
	displayed either in a reduced or full			
	size mode			
	- Adjust contrast, brightness and			
	gamma on every image			
	- Merge, crop and image arithmetic			
	- Intensity, length and area			
	measurements			
	- Measurement of area intensities			
	through image stacks			
	- Online measurement whilst			
	displaying a live image			
	- Parallax correction			
	- Features context sensitive Help.			
	Includes User Manual.			
Upgradation	Supplied should quote that model			
- LP. annuou	which have facility to upgrade with			
	DIC, Polarization and fluorescence in			
	future.			
		<u> </u>		<u> </u>

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	Letter from Original Equipment		
	manufacturer should be enclosed.		
Other	 Microscope, Digital camera & software are from same manufactures for better integration and future upgradation. Link of the manufacture's website should be provided to cross check the specification System Must be US/European Quick service support (3 Days) for smooth functioning of instrument All the specification must be mentioned in the authentic brochure of the instrument. 		
	 User list should be provided. 		
Required Item	System Should be Supplied with Branded Desktop PC, Having following configure: Intel Core i5, 8 GB RAM or batter, 1 TB Hard Disk or more, 2 GB Graphic Card or higher, USB: 3 Port, Windows 10 or advance, 21" LED HD Monitor or more.		
Warranty	1 year from the date of installation and after warranty period 2 years AMC.		

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

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Contact person Details for any enquiry:

Dr. Vineet Soni Head of the Department Department of Botany Mohanlal Sukhadia University, Udaipur (Rajasthan) 313001 Email: rusabotany@gmail.com