



Bid Number/बोली क्रमांक (बिड संख्या):  
GEM/2023/B/4107384  
Dated/दिनांक : 19-10-2023

### Bid Document/ बिड दस्तावेज़

Bid Details/बिड विवरण	
Bid End Date/Time/बिड बंद होने की तारीख/समय	09-11-2023 12:00:00
Bid Opening Date/Time/बिड खुलने की तारीख/समय	09-11-2023 12:30:00
Bid Offer Validity (From End Date)/बिड पेशकश वैधता (बंद होने की तारीख से)	90 (Days)
Ministry/State Name/मंत्रालय/राज्य का नाम	Ministry Of Agriculture And Farmers Welfare
Department Name/विभाग का नाम	Department Of Agricultural Research And Education (dare)
Organisation Name/संगठन का नाम	Indian Council Of Agricultural Research (icar)
Office Name/कार्यालय का नाम	National Research Centre On Equines Hisar
Total Quantity/कुल मात्रा	1
Item Category/मद केटेगरी	Microscopes - Pathological and Research as per IS 4381, IS 5204, IS 4381, IS 5204 (Q3)
MSE Exemption for Years Of Experience/अनुभव के वर्षों से एमएसई छूट/ and Turnover/टर्नओवर के लिए एमएसई को छूट प्राप्त है	Yes
Startup Exemption for Years Of Experience/अनुभव के वर्षों से स्टार्टअप छूट/ and Turnover/ टर्नओवर के लिए स्टार्टअप को छूट प्राप्त है	Yes
Document required from seller/विक्रेता से मांगे गए दस्तावेज़	Experience Criteria,Certificate (Requested in ATC),OEM Authorization Certificate *In case any bidder is seeking exemption from Experience / Turnover Criteria, the supporting documents to prove his eligibility for exemption must be uploaded for evaluation by the buyer
Bid to RA enabled/बिड से रिवर्स नीलामी सक्रिय किया	No
RCM Applicable/लागू आरसीएम	Yes
Type of Bid/बिड का प्रकार	Two Packet Bid
Time allowed for Technical Clarifications during technical evaluation/तकनीकी मूल्यांकन के दौरान तकनीकी स्पष्टीकरण हेतु अनुमत समय	2 Days
Inspection Required (By Empanelled Inspection Authority / Agencies pre-registered with GeM)	No

**Bid Details/बिड विवरण****Evaluation Method/मूल्यांकन पद्धति**

Total value wise evaluation

**EMD Detail/ईएमडी विवरण**

Required/आवश्यकता

No

**ePBG Detail/ईपीबीजी विवरण**

Advisory Bank/एडवाइजरी बैंक

State Bank of India

ePBG Percentage(%) / ईपीबीजी प्रतिशत (%)

3.00

Duration of ePBG required (Months) / ईपीबीजी की अपेक्षित अवधि (महीने).

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(a). EMD & Performance security should be in favour of Beneficiary, wherever it is applicable./ईएमडी और संपादन जमानत राशि, जहां यह लागू होती है, लाभार्थी के पक्ष में होनी चाहिए।

**Beneficiary/लाभार्थी :**

Director

National Research Centre on Equines Hisar, Department of Agricultural Research and Education (DARE), Indian Council of Agricultural Research (ICAR), Ministry of Agriculture and Farmers Welfare (Icar-nrce)

**Splitting/विभाजन**

Bid splitting not applied/बोली विभाजन लागू नहीं किया गया.

**MII Purchase Preference/एमआईआई खरीद वरीयता**

MII Purchase Preference/एमआईआई खरीद वरीयता

No

**Details of the Competent Authority for MII**

Name of Competent Authority

Tarun Kumar Bhattacharya

Designation of Competent Authority

Director , ICAR-NRCE, Hisar

Office / Department / Division of Competent Authority

ICAR-NRCE, Hisar

CA Approval Number

10-382/S&amp;P/2023-24

Competent Authority Approval Date

29-09-2023

Brief Description of the Approval Granted by Competent Authority

Approved by Competent Authority for MII preference.

Competent Authority Approval for not opting Make In India Preference : [View Document](#)

**MSE Purchase Preference/एमएसई खरीद वरीयता**

MSE Purchase Preference/एमएसई खरीद वरीयता	Yes
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1. If the bidder is a Micro or Small Enterprise as per latest definitions under MSME rules, the bidder shall be exempted from the requirement of "Bidder Turnover" criteria and "Experience Criteria" subject to meeting of quality and technical specifications. If the bidder is OEM of the offered products, it would be exempted from the "OEM Average Turnover" criteria also subject to meeting of quality and technical specifications. In case any bidder is seeking exemption from Turnover / Experience Criteria, the supporting documents to prove his eligibility for exemption must be uploaded for evaluation by the buyer.
2. If the bidder is a Startup, the bidder shall be exempted from the requirement of "Bidder Turnover" criteria and "Experience Criteria" subject to their meeting of quality and technical specifications. If the bidder is OEM of the offered products, it would be exempted from the "OEM Average Turnover" criteria also subject to meeting of quality and technical specifications. In case any bidder is seeking exemption from Turnover / Experience Criteria, the supporting documents to prove his eligibility for exemption must be uploaded for evaluation by the buyer.
3. Purchase preference to Micro and Small Enterprises (MSEs): Purchase preference will be given to MSEs as defined in Public Procurement Policy for Micro and Small Enterprises (MSEs) Order, 2012 dated 23.03.2012 issued by Ministry of Micro, Small and Medium Enterprises and its subsequent Orders/Notifications issued by concerned Ministry. If the bidder wants to avail the Purchase preference, the bidder must be the manufacturer of the offered product in case of bid for supply of goods. Traders are excluded from the purview of Public Procurement Policy for Micro and Small Enterprises. In respect of bid for Services, the bidder must be the Service provider of the offered Service. Relevant documentary evidence in this regard shall be uploaded along with the bid in respect of the offered product or service. If L-1 is not an MSE and MSE Seller (s) has/have quoted price within L-1+ 15% (Selected by Buyer) of margin of purchase preference /price band defined in relevant policy, such Seller shall be given opportunity to match L-1 price and contract will be awarded for 25%(selected by Buyer) percentage of total QUANTITY. The buyers are advised to refer the OM No.F.1/4/2021-PPD dated 18.05.2023 [OM No.1 4 2021 PPD dated 18.05.2023](#) for compliance of Concurrent application of Public Procurement Policy for Micro and Small Enterprises Order, 2012 and Public Procurement (Preference to Make in India) Order, 2017.
4. Estimated Bid Value indicated above is being declared solely for the purpose of guidance on EMD amount and for determining the Eligibility Criteria related to Turn Over, Past Performance and Project / Past Experience etc. This has no relevance or bearing on the price to be quoted by the bidders and is also not going to have any impact on bid participation. Also this is not going to be used as a criteria in determining reasonableness of quoted prices which would be determined by the buyer based on its own assessment of reasonableness and based on competitive prices received in Bid / RA process.

**Section 9(3) Of GST/जीएसटी की धारा 9(3)|**

Where ever RCM is applicable, sellers (Regular GST registered seller who opted out of FCM , unregistered seller, seller registered under composition scheme) will be forced to put Zero GST and GST cess in their bids. Buyer will have liability of paying the GST and GST cess to the government on the specified rate mentioned by them in this Bid.

**Microscopes - Pathological And Research As Per IS 4381, IS 5204, IS 4381, IS 5204 ( 1 pieces )****Technical Specifications/तकनीकी विशिष्टियाँ**

\* As per GeM Category Specification/जेम कैटेगरी विशिष्टि के अनुसार

Specification	Specification Name/विशिष्टि का नाम	Bid Requirement/बिड के लिए आवश्यक (Allowed Values)/अनुमत मूल्य
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Specification	Specification Name/विशिष्टि का नाम	Bid Requirement/बिड के लिए आवश्यक (Allowed Values)/अनुमत मूल्य
CONFORMITY / TYPE / EYE PIECE - OBJECTIVE DETAILS	<b>Microscope Type</b>	Research Trinocular - Non-Hinged type -with built-in light and with light intensity regulator
	<b>ISI MARKED</b>	No, Yes
	<b>Eye piece Type</b>	Compensating
	<b>Eye Piece with magnification</b>	Set of Two For Binocular 10x
	<b>Objective Type</b>	semiapochromatic
	<b>Objective Magnification</b>	10 x, 20 x, 40 x
	<b>Numerical Aperture of Objective</b>	0.5
ACCESSORIES	<b>Extra eyepieces (inclusive in the scope of supply)</b>	10 x
	Carrying case (inclusive in the scope of supply)	yes
WARRANTY	<b>Warranty</b>	1, 2, 3, 4, 5 Or higher (year)

**Additional Specification Parameters - Microscopes - Pathological And Research As Per IS 4381, IS 5204, IS 4381, IS 5204 ( 1 pieces )**

Specification Parameter Name	Bid Requirement (Allowed Values)
Installation:	Minimum 5-10 Installations of the quoted model with in India and the user list may be provided.
Light Source:	Light Source should be LED illumination for both bright field and fluorescence microscopy
Camera:	A 5-6 megapixel CCS or CMOS camera (or even a better) capable of fluorescence microscopy with recordable pixel size range of 2700-2900 x 2000-2200 (or better), bit depth range of 10-12 bit (or better) and Pixel size range of at least 2-3 X 2-3 (or better)

\* Bidders offering must also comply with the additional specification parameters mentioned above.

**Input Tax Credit(ITC)/इनपुट कर क्रेडिट(आईटीसी) and/ तथा Reverse Charge(RCM)/रिवर्स प्रभार (आरसीएम) Details**

ITC on GST/जीएसटी पर इनपुट कर क्रेडिट	ITC on GST Cess/जीएसटी उपकर कर क्रेडिट	RCM Applicable/लागू आरसीएम	GST as per RCM/रिवर्स प्रभार के अनुसार जीएसटी	GST Cess 1 as per RCM/रिवर्स प्रभार के अनुसार जीएसटी उपकार 1	GST Cess 2 as per RCM	Optional RCM/वैकल्पिक रिवर्स प्रभार
NA	NA	Yes	18%	NA	NA	No

**Consignees/Reporting Officer/परेषिती/रिपोर्टिंग अधिकारी and/ तथा Quantity/मात्रा**

S.No./क्र. सं.	Consignee Reporting/Officer/ परेषिती/रिपोर्टिंग अधिकारी	Address/पता	Quantity/मात्रा	Delivery Days/डिलीवरी के दिन
1	Sunil	125001,ICAR-National Research Centre on Equines, Sirsa Road, Hisar	1	45

**Special terms and conditions-Version:2 effective from 06-01-2023 for category Microscopes - Pathological and Research as per IS 4381, IS 5204, IS 4381, IS 5204**

1.

**Special Term:****and Conditions****1. Comprehensive warranty**

Comprehensive warranty shall include preventive maintenance including calibration as per technical/ service /operational manual of the manufacturer, service charges and spares,. During the warranty period commencing from date of the successful completion of warranty period, Service personnel shall visit each consignee site as recommended in the manufacturer's technical/ service /operational manual, at least once in six months. warranty shall not be including the consumables .Further there will be 98% uptime warranty during warranty period on 24 (hrs) X 7 (days) X 365 (days) basis, with penalty, to extend warranty period by double the downtime period.

- 2. Service centres** Details of Service outlets in India to render services for equipment to be furnished to buyer/consignees with complete address ,telephone numbers, e mails etc at time of making the supplies .It shall be the responsibility of seller to ensure that authorized service centres are available to cater to the areas where supplies are made within reasonable distance from where the service calls can be handled .Details of toll free numbers for service call and online registration of service requests also to be provided buyer/consignee at the time of supplies
- 3. Source of supply:** It shall be responsibility of seller to provide Documents regarding source of equipments such as copy of Performa invoice or any other documents to establish that the products supplied are manufactured by OEM indicated and sourced from them .
- 4. Packing and Marking** Medical equipments being very delicate and sensitive packing for the goods should be strong and durable enough to withstand transit including transshipment (if any), rough handling, open storage etc. without any damage, deterioration etc. .The size, weights and volumes of the packing cases, remoteness of the final destination of the goods, availability or otherwise of transport and handling facilities at all points during transit up to final destination,. Quality of packing, the manner of marking within & outside the packages and provision of accompanying documentation shall take in to consideration the type of medical equipments being supplied. The accessories shall be suitably labelled and packed .Each of the package shall be marked on three sides with indelible paint of proper quality: indicating contract number and date , brief description of goods including quantity ,. Packing list reference number , country of origin of goods and any other relevant details
- 5. Spare Parts :** Seller shall provide materials, information etc. pertaining to spare parts manufactured and supplied by the OEM . It shall be ensured that the required spares are available for purchase at least for 10 years from date of supplies .In case due to any reasons the production of the spare parts is discontinued sufficient advance notice should be given to the buyer/consignee before such discontinuation to provide adequate time to purchase the required spare parts etc. Further, OEM and their service centres/dealers shall carry sufficient inventories to assure ex-stock supply of consumables and spares for the equipments so that the same are available.

OEM or reseller shall always accord most favoured client status to the buyer/consignee and shall give the most competitive price for spares and consumables of its machines/equipments supplied

- 6. Installation, Training, Manuals** Seller shall be responsible to carry out Installation &

commissioning, Supervision and Demonstration of the They shall provide required jigs and tools for assembly, minor civil works for the completion of the installation and Training of Consignee's representatives for operating and maintaining the equipment and Supplying required number of operation & maintenance manual for the goods. In case the category parameters are specifying any requirements regarding the installations , training and manuals the same shall also be applicable

7. **Electrical safety checking:** Sellers are required to make sure that they furnish the list of equipments for carrying out routine and preventive maintenance to buyer/consignee .They should make sure to periodically check the electrical safety aspects as per BIS Safety Standards or equivalent .In case they do not have required equipment for such testing should ensure that the equipments checked for electrical safety compliance through labs with facilities for such checking during every preventive maintenance call.
8. Software: All software updates should be provided free of cost during warranty period

## **Buyer Added Bid Specific Terms and Conditions/क्रेता द्वारा जोड़ी गई बिड की विशेष शर्तें**

### **1. Buyer Added Bid Specific ATC**

Buyer uploaded ATC document [Click here to view the file.](#)

## **Disclaimer/अस्वीकरण**

The additional terms and conditions have been incorporated by the Buyer after approval of the Competent Authority in Buyer Organization, whereby Buyer organization is solely responsible for the impact of these clauses on the bidding process, its outcome, and consequences thereof including any eccentricity / restriction arising in the bidding process due to these ATCs and due to modification of technical specifications and / or terms and conditions governing the bid. Any clause(s) incorporated by the Buyer regarding following shall be treated as null and void and would not be considered as part of bid:-

1. Definition of Class I and Class II suppliers in the bid not in line with the extant Order / Office Memorandum issued by DPIIT in this regard.
2. Seeking EMD submission from bidder(s), including via Additional Terms & Conditions, in contravention to exemption provided to such sellers under GeM GTC.
3. Publishing Custom / BOQ bids for items for which regular GeM categories are available without any Category item bunched with it.
4. Creating BoQ bid for single item.
5. Mentioning specific Brand or Make or Model or Manufacturer or Dealer name.
6. Mandating submission of documents in physical form as a pre-requisite to qualify bidders.
7. Floating / creation of work contracts as Custom Bids in Services.
8. Seeking sample with bid or approval of samples during bid evaluation process.
9. Mandating foreign / international certifications even in case of existence of Indian Standards without specifying equivalent Indian Certification / standards.
10. Seeking experience from specific organization / department / institute only or from foreign / export experience.
11. Creating bid for items from irrelevant categories.
12. Incorporating any clause against the MSME policy and Preference to Make in India Policy.
13. Reference of conditions published on any external site or reference to external documents/clauses.
14. Asking for any Tender fee / Bid Participation fee / Auction fee in case of Bids / Forward Auction, as the case may be.

Further, if any seller has any objection/grievance against these additional clauses or otherwise on any aspect of this bid, they can raise their representation against the same by using the Representation window provided in the bid details field in Seller dashboard after logging in as a seller within 4 days of bid publication on GeM. Buyer is duty bound to reply to all such representations and would not be allowed to open bids if he fails to reply to such representations.

This Bid is also governed by the General Terms and Conditions/ यह बिड सामान्य शर्तों के अंतर्गत भी शासित है

In terms of GeM GTC clause 26 regarding Restrictions on procurement from a bidder of a country which shares a land border with India, any bidder from a country which shares a land border with India will be eligible to bid in this tender only if the bidder is registered with the Competent Authority. While participating in bid, Bidder has to undertake compliance of this and any false declaration and non-compliance of this would be a ground for immediate termination of the contract and further legal action in accordance with the laws./जेम की सामान्य शर्तों के खंड 26 के संदर्भ में भारत के साथ भूमि सीमा साझा करने वाले देश के बिडर से खरीद पर प्रतिबंध के संबंध में भारत के साथ भूमि सीमा साझा करने वाले देश का कोई भी बिडर इस निविदा में बिड देने के लिए तभी पात्र होगा जब वह बिड देने वाला सक्षम प्राधिकारी के पास पंजीकृत हो। बिड में भाग लेते समय बिडर को इसका अनुपालन करना होगा और कोई भी गलत घोषणा किए जाने व इसका अनुपालन न करने पर अनुबंध को तत्काल समाप्त करने और कानून के अनुसार आगे की कानूनी कार्रवाई का आधार होगा।

**---Thank You/धन्यवाद---**

**ICAR-NATIONAL RESEARCH CENTRE ON EQUINES**  
**SIRSA ROAD HISAR – 125 001**

F. No.: 10-382/S&P/23-24

Dated: 19.10.2023

**Terms and Conditions for submission of online bids/tenders for Inverted Trinocular fluorescence Microscope as per specifications attached in Annexure-I**

1. Interested eligible bidders are requested to submit their bids through GeM portal alongwith all necessary documents, as per the specifications and terms and conditions of bid document. The bid can be uploaded/ submitted as per dates of GeM portal.
2. Bid Security:- A Bid security declaration should be furnished by all the bidders (on company letter pad), if otherwise not exempted, stating that if I/We withdraw or modify the bid(s) during the period of validity or if they are awarded the contract and they fail to sign the contract or to submit a performance security before the deadline defined in the request for bids document, they will be suspended for the period of two year to submit bids with this office in future.
3. The Director, NRCE, Hisar reserves the right to accept or reject all or any of the bid in part or full without assigning any reason.

<b>Sr. No.</b>	<b>Particulars/ Name of Equipment</b>	<b>Quantity</b>
<b>1.</b>	<b><u>Inverted Trinocular fluorescence Microscope</u></b>	<b>1 No.</b>

4. The delivery of goods/equipment shall be F.O.R. NRCE, Hisar. The firm should clearly mention the delivery period, which normally should not be more than 45 days from the date of issue of order contract.
5. Bid should be inclusive of all packing and other forwarding expenses, freight insurance charges. The firms should give the rates of items per unit also. The prices quoted shall remain firm & fixed during their currency of the contract. The rates and prices quoted shall be in Indian rupees only. All duties, taxes etc. payable should be included in the quoted prices.
6. Complete descriptions, specifications and make of all the goods/items quoted should be given. Printed literature/pamphlets should be sent with the bid, failing which the same may not be considered.
7. The purchaser will evaluate and compare the bid which are substantially responsive i.e. which are properly prepared and signed and meet the required terms and conditions, specifications etc. The purchaser will award the contract to the supplier whose quotation will be determined to be responsive and offers the best evaluated price.
8. Successful quoter/bidder has to deposit 3% amount of the total cost of the equipment as Performance Security money in the form of DD/BG/FDR in favour of ICAR UNIT NRCE, Hisar etc.
9. The payment of goods is to be made on completion of satisfactory supply and installation. The supplier will have to send supply challans and delivery notes along with the supply and bill in triplicate indicating clearly the purchase Order No. date and other details of supply.
  - I. Bid shall remain valid for acceptance for a period as indicated on GeM portal.



- II. The firms on whom the supply order is placed within the period of acceptance of the offer will be required to execute the supply within a specified period from the date of issue of the supply order. If the supplier fails to delivery any or all of goods, the purchaser shall have the right to make deductions as per liquidated damages clause. A sum equivalent to 0.5% of the delivery price of the delayed goods for each week of delay may be deducted. The maximum limit of such deduction will be of 10% of contract price. Once the maximum is reached, the purchaser will consider termination of the contract automatically.
10. A supplier shall not submit more than one bid for the same goods/services. The authorized firm/ dealer should submit bid along-with authorization letter from manufacturer firm, otherwise bid will not be entertained and rejected straightway.
  11. The firm should invariably mention the registration No. of firm, GST No. etc., failing which quotation may not be considered.
  12. An undertaking should be submitted alongwith bid to the effect that the firm has not been blacklisted/ debarred by any Govt. department/ Public sector undertaking during last 3 years.
  13. All the disputes/litigation, if any are subject to Hisar jurisdiction only.
  14. The minimum period of comprehensive warranty/Guarantee shall be minimum 12 months from the date of installation/commissioning.
  15. You are also requested to return this original tender enquiry (all the pages) at it is, duly signed on every page. Dealer may submit the authorization letter otherwise bid will be rejected.

Yours faithfully

Assistant Administration Officer (P)

**TENDER ACCEPTANCE LETTER**

(To be given on Company Letter Head)

Date:

To,

\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

Sub: Acceptance of Terms & Conditions of Tender.

Tender Reference No: \_\_\_\_\_

Name of Tender/Work:- \_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

Dear Sir,

1. I/ We have downloaded/ obtained the tender document(s) for the above mentioned 'Tender/Work' from the website(s) namely:-

\_\_\_\_\_  
As per your advertisement, given in the above mentioned website(s)

2. I/ We hereby certify that I/ We have read the entire terms and conditions of the tender documents including all documents like annexure(s), schedule(s), etc., which form part of the contract agreement and I/ we shall abide hereby the terms/conditions/ clauses contained therein.
3. The corrigendum(s) issued from time to time by your department/ organisation too has also been taken into consideration, while submitting this acceptance letter.
4. I/ We hereby unconditionally accept the tender conditions of above mentioned tender document(s)/ corrigendum(s) in its totality/ entirety.
5. I/ We do hereby declare that our firm has not been blacklisted/ debarred by any Govt. Department/ Public sector undertaking.
6. I/ We certify that all information furnished by the our Firm is true & correct and in the event that the information is found to be incorrect/ untrue or found violated, then your department/ organisation shall without giving any notice or reason therefore or summarily reject the bid or terminate the contract, without prejudice to any other rights or remedy including the forfeiture of the full said earnest money deposit absolutely.
7. I/ We hereby undertake to declare that if I/We withdraw or modify the bid(s) during the period of validity, or if they are awarded the contract and they fail to sign the contract, or to submit a performance security before the deadline defined in the request for bids document, they will be suspended for the period of two year to submit bids with this office.

Yours Faithfully

(Signature of the bidder, with official seal)

**SPECIFICATIONS FOR INVERTED TRINOCULAR FLUORESCENCE MICROSCOPE**

1. **Body:** An inverted trinocular microscope suitable for fluorescence microscopy with options for future upgradation.
2. **Observation technique:** Microscope should be equipped with facility for bright field, phase contrast, and fluorescence (with three position filters/equivalent technology) observation.
3. **Nosepiece:** It should be a quintuple or sextuple revolving nosepiece (or better) to accommodate five or six objectives.
4. **Eyepiece Tube:** A trinocular-type eyepiece tube with two eyepieces for viewing the specimen and the third tube for connecting to a microscope camera (with a camera port and adapter to mount the camera).
5. **Eyepiece:**
  - The eyepiece tube should be at an inclination of 45 degrees for comfortable viewing.
  - Eyepieces should have a 360° rotatable viewing head with 50–75 mm of adjustable interpupillary distance (IPD).
  - Eyepiece magnification should be 10X with a FOV of 22 mm or better.
6. **Light source:** The light source should be LED illumination with a life time of 50,000 hrs or more.
7. **Condenser:** Condenser should be a long working distance condenser with a working distance of 70–75 mm and NA 0.3mm.
8. **Mechanical stage:** The mechanical stage should be fitted with a universal holder (i.e., holders for slides, tissue culture flasks, tissue culture plates, etc.).
9. **Objectives:** Minimum two objectives (10X and 20X) each suitable for observing specimens under bright field, phase contrast, and fluorescence modes should be provided with the microscope.
10. **Fluorescence filters:** Minimum one fluorescence filter (Blue Filter, 420–495 nm) should be provided with a microscope, or the microscope should have equivalent technology for viewing the samples (creating an excitation wavelength) within the range of 420– 495 nm.
11. **Software:** Software required for operating the camera with facilities for point-topoint measurement, auto white balance, auto exposure option, and photo merge option should be provided along with the microscope.
12. **Camera:** A 5-6 megapixel CCD or CMOS camera (or even a better) with a recordable pixel of 2700–2900 x 2000–2200 (or better). The necessary ports for connecting the the camera to microscope and computer should be present/ provided.
13. **UPS:** A 2KVA UPS along with batteries should be supplied with the microscope.
14. **Make and model number:** The make and model number of the microscope should be clearly mentioned, and the product catalogue should be attached.
15. **Facility for future upgradation:** The quoted microscope should be capable of future upgrades. The facility for installation of UV filter (330–390 nm) and green filter (510– 570 nm) or equivalent technology in the future should be available in the model quoted by the firm, and the same should be clearly mentioned in the tender quote. A microscope that does not have the facility for future upgrades will not be considered.
16. **Computer:** Branded computer with an i5 or i7 processor, 500 HDD or SSD, 4 GB RAM, keyboard, mouse, and a 21 or 24-inch colour LED monitor will be provided by the institute/laboratory for installation of software.

17. **Power requirement:** Equipment should work at 220-230V and 50 HZ, or it should have suitable technology to work at Indian conditions.
18. **Manufacturer:** The microscope, camera, and image analysis software should be from the same manufacturer for better compatibility and future upgradability. All USB interfaces, cables, power cords, and adapters required for operation should be provided.
19. **Authorization:** If the bidder is a manufacturer, relevant documents establishing the manufacturer of the tendered product should be submitted along with the bid. If the bidder is an authorized distributor, a valid authorization certificate issued by the manufacturer should be submitted along with the bid.
20. **Certification:** The product (microscope) should have international quality standards and certification (USFDA/CE certification), and the bidder should also submit a low voltage directive/ a medical directive (98/79/EC) / TUV declaration certificate.
21. **User list and compliance statement:** The firm should submit a user list and compliance statement sheet for the model quoted.
22. **Warranty:** The microscope should come with a warranty of one year or more.
23. **Installation and demonstration:** Installation, commissioning, and demonstration of the working of equipment as per the parameters indented should be done at the ICAR-NRCE, Hisar, Haryana laboratory

Assistant Administration Officer (P)