



## SEED SCIENCE AND TECHNOLOGY,

भा. कृ. अ. प. भारतीय कृषि अनुसन्धान संस्थान

ICAR-INDIA AGRICULTURAL RESEARCH INSTITUTE, NEW DELHI - 110012



F.N.SST/2018-19

Dated:

### Tender Notice 2018\_DARE\_413536\_

#### **Sub: Purchase of Specification for Inverted Fluorescence Microscope**

**Online tenders** are invited by the Head, Division of Seed Science and Technology from reputed Manufacture/Dealer/Supplier in two-bid system (Technical bid & Financial bid) for the following items/ services on behalf of Director ICAR-Indian Agricultural Research Institute, New Delhi. The last date for submission of Bid is on **at 26.12.2018 1.00PM**. The bid will be opened on **at 27.12.2018 3.00 PM** in this Division of Genetics IARI New Delhi-12 by the prescribed committee.

*Please visit [www.iari.res.in](http://www.iari.res.in) for Details Rules and Regulation and Log on [www.eprocure.gov.in](http://www.eprocure.gov.in) for online tender submission.*

S. N.	Description of item	Qty.	Earnest Money (Rs.)
1	<b>Inverted Fluorescence Microscope</b>	one	42000.00

#### **Instructions to the bidder and terms & conditions of tender:**

1. The rates quoted shall be valid for a minimum period of 180 days from the last date fixed for submission of bid.
2. The rates quoted in INR shall be free of cost delivery and installation at the **Division of Seed Science and Technology, IARI, New Delhi – 110012**. However, equipment quoted in foreign currency must be quoted on FOB as well as in CIP basis
3. Indigenous equipment maybe quoted in INR only. However, imported equipment maybe quoted in foreign currency on FOB basis showing price up to CIF. If firm fails to quote the rates accordingly, the tender will liable to be rejected.
4. In case, LC is opened for purchase of Foreign equipment all charges outside India will be borne by the firm.
5. Custom Duty Exemption Certificate (CDEC) will be issued only when the bid is quoted in foreign currency in case of foreign made items only and meant for IARI
6. Full specifications of the item/article quoted for shall be given in the quotation.
7. If taxes, duties or any other charges over and above the rates quoted leveable, actual percentage of such taxes/duties/other charges should be clearly indicated.
8. EMD as mentioned above should be in the form of D.D./Pay Order/Fixed Deposit Receipt/Bank Guarantee from commercial bank drawn in favour of Director, IARI payable at New Delhi. The original EMD should be submitted offline to the Tender Inviting Authority on or before the last date and time of bid submission. The details of D.D./Pay Order/Fixed Deposit Receipt/Bank Guarantee physically sent, should tally with the details available in the scan copy and the data entered during the bid submission time otherwise the uploaded bid will be rejected.

9. The EMD shall be refunded to the unsuccessful bidders after finalization of the quotation. In case of successful bidder, it can be adjusted towards security deposit which is 5-10% of the order value in the form of D.D./Pay Order/Fixed Deposit Receipt/Bank Guarantee from commercial bank drawn in favour of Director, IARI payable at New Delhi and shall remain valid for 60 days beyond the date of completion of all contractual obligation of supplier including warranty obligation for the equipment/goods costing Rs. 1.00 lakhs (Rs. One Lakh) or more. However, there would be no performance security deposit for equipment/goods costing less than Rs. 1.00 lakh (Rs. One Lakh).
10. One-year warranty has to be invariable provided on the equipment/items by the firm. In case, there is any variation in the warranty period given in tender while mentioning the specification of the item/equipment, the warranty period shall be the final as given in the specification.
11. Payment will be made by mode of e-payment to the supplier/firm after satisfactory completion of work and receipt of pre-receipt bills triplicate.
12. The Director IARI, New Delhi reserves the right to accept or reject any or all the quotations either in full or in parts without assigning any reason.
13. TIN/VAT/PAN/C.S.T. Nos. Scanned copy of TIN/VAT/PAN/C.S.T. Nos may be attached with the bid.
14. In case, any dispute arising out of this contract shall be subject to the jurisdiction of Indian laws & Court at New Delhi. Sole arbitrator is appointed by the Secretary, ICAR, New Delhi. His decision will be final and binding on both parties (Supplier and Purchaser)
15. The successful bidder has to execute the indented Job/Work as mentioned in the supply order placed with them within the stipulated period as given in the supply order placed by this office failing which 2% per week and maximum of 10% deduction as liquidated damage charges will be made from the bill in case the job is not completed within the given stipulated period.
16. Firms should 3 years' experience in this line, proof should be enclosed.
17. Quotations not complying with the above conditions are liable to be rejected.

(Laxman Singh)  
Admin Officer  
011-25843811

Copy: to in- charge AKMU to up load at IARI website

**Proforma for Technical bid Specification for Inverted Fluorescence Microscope**

<p align="center"><b>Specification of Specification for Inverted Fluorescence Microscope</b></p>	<p>Whether Complied With YES/ NO</p>	<p>If yes, please attach Tech literature of the equipment duly printed &amp; clearly specify page No of Bulletin which specifically confirm this</p>
<ul style="list-style-type: none"> <li>• Microscope with large, stable stand with provision to attach camera with 50:50 and 0:100% light sharing.</li> <li>• Inbuilt motorized Z focusing with Course and Fine knobs with travel range preferably 10 mm or more.</li> <li>• Binocular observation tube with two eyepieces of 22 mm or more FOV and 10X magnification</li> <li>• Transmitted LED light with continuously variable luminance. Adjustment of brightness, with Field Diaphragms. Transmitted light may be preferably white light. The transmitted light LED source should have long life of 20000 h or more.</li> <li>• Microscope should be equipped for Bright field, Fluorescence, DIC and Integrated Phase Contrast or similar technique.</li> <li>• Manual XY stage with universal sample holder for glass slides as well as petri-dishes.</li> <li>• Objective with 6 position motorized nose piece for easy and smooth operation.</li> <li>• Universal Condenser suitable for all microscopy techniques with minimum working Distance of 27 mm or more and should have Numerical aperture of 0.55 or better. Condenser should have at least 5 positions or more.</li> <li>• Fluorescence Filter turret with 6 or more positions. The Fluorescence illumination from LED source with 25000 hours or more life time. It should be with necessary pixel shift corrected filter cubes for DAPI/Hoechst, FITC/GFP, Rhodamine/TRITC/Cy3 and Cy5.</li> <li>• Plan fluorite objectives 4X/5X (NA 0.10 or better), phase 10x/ NA 0.25 or better, phase 40x / 0.55 or better and 100x /1.25 Oil.</li> </ul>		

<ul style="list-style-type: none"> <li>• The 10x and 40x must be fully workable with DIC with long working distance; The 40x / 0.55 or better should be with correction collar.</li> <li>• The camera should be Digital high-sensitivity CCD colour camera, with high sensitivity to fluorescence, minimum 5 mega pixel or more with Resolution of 2560 x 1920 or more and a square pixel size of 3.4µm or better. Speed of 30fps or better, 12Bit.</li> <li>• The software for acquisition of images with Image Overlay feature. Extended focal imaging / extended depth of focus should be possible. Software should be capable for Interactive Measurements; Analysis of Image, live cell imaging, video recording, suitable for fluorescence multichannel image acquisition.</li> <li>• The microscope, camera and analysis software should be from same manufacturer to avoid compatibility issues.</li> <li>• Data processing unit should be of a branded PC with i5 /i7 64-bit processor with minimum 8GB or more RAM and NVIDIA graphics card with minimum 1GB or more graphic card memory, SATA Hard disk with minimum 500 GB or more capacity. Original windows 10 64-bit OS, DVD writer, Monitor with 24 inch or more size; Keyboard and optical mouse and</li> <li>• suitable UPS.</li> <li>• The microscope should be onsite upgradable to fully motorized functions and up to confocal.</li> </ul>		
1. Are you registered with TAN, PAN and VAT/CST/LST Deptt., if yes please mentioned all the details and attached copy of the Same.	Yes/No	PAN No. TAN No. VAT No.
2. Have you deposited EMD /- Original EMD is to be submitted to the Admn. Officer, Genetics before closing date of tender (refer condition No. 8)	Yes/No	Amount..... DDNo/FDR/BG No.... Name of Bank.....
3. Have you enclosed latest authorization certificate resting with sufficient validity period from manufacturer/Principal foreign firm	Yes/No	Enclose copy
4. Have you ever been debarred/ Black listed by the Govt. deptt./Court of law for doing any business in India attach self-declaration certificate in this regard	Yes/No	Enclose copy

We certify that Equipment being offered by us under this tender meets all the above requirements. Concealing of any fact regarding specification of equipment being offer will liable to reject our tender. We accept the terms and conditions of the tender indicated there in.

**Signature of renderers with office seal**