



अनुवांशिकी संभाग

DIVISION OF GENETICS,

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

**ICAR-INDIA AGRICULTURAL RESEARCH INSTITUTE,
NEW DELHI - 110012**



F.No.GD/SP/6/2019-20/

Dated:

Tender Notice
2019_DARE_475582_1

Sub: Purchase of Upright Epi Fluorescence Microscope

Online open tenders are invited by the Head, Division of Genetics, IARI New Delhi-110012 on behalf of Director IARI New Delhi from reputed Manufacture/Dealer/Supplier in two-bid system (Technical bid & Financial bid) for purchase of **Upright Upi Fluorescence Microscope with Computer** as per following details. The last date for submission of Bid is **04.07.2019 at 1.00 PM**. The bid will be opened on the **05.07.2019. at 3.00PM** in this Division of Genetics IARI New Delhi-12 by the prescribed committee.

Please visit www.iari.res.in for Details Rules and Regulation and Log on www.eprocure.gov.in for online tender submission.

S. N.	Description of item	Qty.	Earnest Money (Rs.)
1	Upright Epi Fluorescence Microscope with Computer	one	30000.00

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/Unit of Genetics, 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. 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

<u>TECHNICAL SPECIFICATION FOR UPRIGHT EPI-FLUORESCENCE MICROSCOPE</u>	Whether Complied With YES/ NO	If yes, please attach Tech literature of the equipment duly printed & clearly specify page No of Bulletin which specifically confirm this
1. Microscope Body: Upright microscope body. Observation should be capable for Bright field, Phase contrast and Fluorescence application		
2. Optical System: Infinity corrected optical system.		
3. Eyepiece Tube: Trinocular tube inclined at 30 degree angle, F.O.V. 22mm or more. Should be anti-fungus type; with three-way light distribution		
4. Eyepiece Lens: 10X (2 pieces) / FOV 22mm or more. Both eye piece should have diopter adjustment facility, anti-fungus type.		
5. Condenser: High quality universal Phase contrast turret condenser.		
6. Illumination: The microscope should have high power LED transmitted light source of 12 Watt or more with life of at least 50,000 hours. Bidders can alternatively quote for a 12V-100W Halogen illumination system with 10 or more additional halogen bulbs to match the life of LED illuminator. The halogen bulbs should be supplied from the microscope manufacturer.		
7. Objective: High performance objective should be suitable for bright field, Phase and fluorescence application.		
Plan Fluor 4X 0.13, suitable for BF, PH, Fluorescence application		
Plan Fluor 10X 0.30, suitable for BF, PH, Fluorescence application		
Plan Fluor 20X 0.45, BF, PH, Fluorescence application		
Plan Fluor 40X 0.75, suitable for BF, PH, Fluorescence application		
Plan Apochromat 100X 1.40 (Preferably)/ Plan Fluor 100X 1.30, suitable for BF, PH, Fluorescence application		
8. Nose Piece: Reversed sextuple revolving nosepiece to accommodate six objectives at a time.		
9. Coarse/Fine Focusing: Built-in adjustable coarse and fine focusing.		
10. Stage: X and Y rectangular mechanical stage with capacity to hold two slide glasses at a time.		
11. Fluorescent attachment: Fluorescence attachment should have at least six position turret filter block and fluorescence illumination		

should be 130W Mercury or 120/130W Metal halide Light illuminator. Filter mirror for DAPI, FITC and TRITC		
12. Camera: Both color and fluorescence imaging should be possible with the system. Digital scientific grade color camera with high resolution, high sensitivity with live display facility: Digital CMOS / CCD Camera system, camera resolution of at-least 5 MP or more, Pixel size 2.2 x 2.2 micrometers or better, Quantum Efficiency ~50% or better, 20-30 frame per second live display. Camera should be capable to capture BF, PH, weak Fluorescence images.		
13. IMAGE ANALYSIS SOFTWARE HAVING FOLLOWING FEATURE-Licensed		
• Image Acquisition		
• Measurement, Counting		
• Intensity line profile, Live Image capture		
• Time-lapse image capture		
• Multipoint image capture		
• Fluorescence channel mixing and un-mixing		
• AVI live-stream capture		
• Objective calibration		
• Capturing data saving		
• Report Generator facility		
14. Data collection and processing unit: Data Processing Unit: Branded Computer, Intel Pentium I-5, 1TB HDD, 4 GB or higher RAM, 21” High resolution TFT color monitor, suitable/ win 10 original operating software, Multimedia Key board, Suitable UPS.		
15. Note: Microscope, camera and image analysis software should be from same manufacturer for better compatibility and upgradability. System should be capable to upgrade to motorized fluorescence turret and motorized nosepiece if required. Microscope Body should be capable to upgrade for additional camera port and camera attachment. UV guard should be provided. Offline 1kva UPS should also be provided for the microscope.		
16. Certifications: Company must have certification from USFDA/ CE (European Union), ISO9001:2015.		
17. The entire equipment System should have Warranty of 1 year		

18. 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.
19. 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.....
20. Have you enclosed latest authorization certificate resting with sufficient validity period from manufacturer/Principal foreign firm	Yes/No	Enclose copy
21. 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