



पादप कार्यिकी संगग  
DIVISION OF PLANT PHYSIOLOGY  
भा.कु.अ.प.-भारतीय कुषि अनुसंधान संस्थान  
ICAR-Indian Agricultural Research Institute  
नई दिल्ली-110012 (भारत)  
NEW DELHI - 110 012 (INDIA)



File No: 50-1/FM/19-20/NAHEP(71-01)

Date: 05/11/2019

To

As per List Attached

Dear Sirs,

**Sub : INVITATION FOR QUOTATIONS FOR SUPPLY OF  
Fluorescence Microscope**

1. You are invited to submit your most competitive quotation for the following goods:-

Brief Description of the Goods	Specifications *	Quantity	Delivery Period	Place of Delivery	Installation Requirement if any
Fluorescence Microscope	Annexure - A	01	Within 90 days after issue of Purchase/Supply Order	Division of Plant Physiology, IARI, Pusa Campus, New Delhi - 110012	As per terms and conditions.

\* Where ISI certification marked goods are available in market, procurement should generally be limited to goods with those or equivalent marking only.

2. Government of India has received a financing from the World Bank towards the cost of the said Equipment/Item **under NAHEP-CAAST (71-01) Project** and intends to apply part of the proceeds of this financing to eligible payments under the contract for which this invitation for quotations is issued.

3. **Bid Price**

- The contract shall be for the full quantity as described above. Corrections, if any, shall be made by crossing out, initialing, dating and re writing.
- All duties, taxes and other levies payable on the raw materials and components shall be included in the total price.
- Sales tax in connection with the sale shall be shown separately.
- The rates quoted by the bidder shall be fixed for the duration of the contract and shall not be subject to adjustment on any account.
- The Prices shall be quoted in Indian Rupees only.

4. Each bidder shall submit only one quotation. Bidder shall not contact other Bidders in matters relating to this Quotation.

5. **Validity of Quotation**

Quotation shall remain valid for a period not less than 15 days after the deadline date specified for submission.

6. **Evaluation of Quotations**

The Purchaser will evaluate and compare the quotations determined to be substantially responsive i.e. which

- (a) are properly signed ; and
- (b) conform to the terms and conditions, and specifications.

The Quotations would be evaluated for all the item together/would be evaluated separately for each item. *[Select one of the options]*.

**Sales tax in connection with sale of goods shall not be taken into account in evaluation.**

7. **Award of contract**

The Purchaser will award the contract to the bidder whose quotation has been determined to be substantially responsive and who has offered the lowest evaluated quotation price.

7.1 Notwithstanding the above, the Purchaser reserves the right to accept or reject any quotations and to cancel the bidding process and reject all quotations at any time prior to the award of contract.

7.2 The bidder whose bid is accepted will be notified of the award of contract by the Purchaser prior to expiration of the quotation validity period. The terms of the accepted offer shall be incorporated in the supply order.

7.3 **Successful Bidder should submit 10% of Total Cost of Equipment as Performance Guarantee after receiving the Purchase/Supply Order.**

8. Payment shall be made immediately after delivery of the goods.

9. Normal commercial warranty/ guarantee shall be applicable to the supplied goods.

10. You are requested to provide your offer/Sealed Quotation latest by **13.00 hours on 13/11/2019**.
  
11. We look forward to receiving your quotations and thank you for your interest in this project.

(Purchaser)

Name: Assistant Admn. Officer,

Address: Division of Plant Physiology,  
IARI, Pusa Campus,  
New Delhi - 110012

Tel. No. 011 25842815.

Fax No. ....



## Annexure -A

### Technical Specifications

Name of the Capital item with brief description: **FLUORESCENCE MICROSCOPE**

#### Detailed specifications:

1. Microscope Body: Upright microscope body. Observation should be capable for Bright field, Phase contrast, DIC and Fluorescence application.
2. Optical System: Infinity corrected optical system.
3. Eyepiece Tube: Trinocular tube inclined at 30 degree angle, F.O.V. 22 mm or more. Should be anti-fungus type.
4. Eyepiece Lens: 10X (2 pieces) / FOV 22 mm or more. Both eye pieces should have diopter adjustment facility, anti-fungus type.
5. Condenser: High quality universal turret condenser for all application.
6. Illumination: 12V-100W halogen lamp / High power LED (14 watt) illumination.
7. Objective: High performance objective should be suitable for bright field and fluorescence application.  
Plan Fluor 4X 0.13, suitable for BF, Fluorescence application  
Plan Fluor 10X 0.30, suitable for BF, PH, and Fluorescence application  
Plan Fluor 20X0.50, suitable for BF, PH, and Fluorescence  
Plan Fluor 40X 0.75, suitable for BF, PH, and Fluorescence application  
Plan Apochromat 60X 0.95, suitable for BF, DIC, and Fluorescence application  
Plan Apochromat 100X1.40, suitable for BF, DIC, and Fluorescence application  
Respective Phase and DIC accessories should be quoted
8. Nose Piece: Reversed sextuple revolving DIC slot 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. Photo Switch: Built-in auto photo preset switch.
12. Fluorescent attachment: Fluorescence attachment should have at least six position turret filter block and fluorescence illumination should be 120/130W Mercury-Fibre Light illuminator with lamp life time of 2,000 Hrs. or more. Filter mirror for DAPI, FITC and TRITC
13. **Camera:** Digital scientific grade color camera with high resolution, high sensitivity with live display facility: Digital CMOS / CCD Camera system having high resolution scientific CMOS: Chip size should-be (36 X 23mm) / CCD (Chip size 2/3") camera, resolution of at-least 12 MP or more, publication quality pixel size, 30-40 or more frame per second live display at resolution of 1024 x1024, Live cell imaging. Camera should be capable to capture BF, PH, DIC, Fluorescence images. Microscope, camera and software should be from same manufacturer.

#### Terms & Conditions

- Supplier need to submit the specification compliance for their product in a tabulated and point wise manner
- Authorized dealer/supplier in India should enclose authorization certificate from the Principal
- On-site warranty minimum of 2 years from the date of installation
- Authorized dealer should have service centre in India
- Brochure having detailed technical specifications (to be enclosed in original with quotation)
- On-site installation, demonstration and training
- Detailed technical manual in original with instrument

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**FORMAT OF QUOTATION \***

Sl. No.	Description Goods	Specifications	Qty.	Unit	Quoted Unit Rate in Rs.	Total Amount	
						In Figures	In Words
1.							
	<b>TOTAL</b>						
	<b>Sales Tax</b>						

**Gross Total Cost : Rs. ....**

We agree to supply the above goods in accordance with the technical specifications for a total contract price of Rs. ....(amount in figures ) (Rs. .... amount in words) within the period specified in the Invitation for Quotations.

We also confirm that the normal commercial warrantee/guarantee of ..... months shall apply to the offered goods.

We hereby certify that we have taken steps to ensure that no person acting for us or on our behalf has engaged in corrupt, fraudulent, collusive, coercive, or obstructive practices (as defined in the prevailing World Bank's sanctions procedures) in competing for or in performing the Contract.

**Signature of Supplier**

\* *Applicable while the bids are being invited for more than one item and would be evaluated for all the items together.*

Modify where evaluation would be made for each item separately.