

परिशिष्ट 'क'

**UNIVERSITY OF PUNE**  
**DEPARTMENT OF BIOTECHNOLOGY**  
**UNIVERSITY OF PUNE**  
**GANESHKHIND, PUNE-411007**

To,

Ref. No./ Biotec - 19-20/63

Date : 7-11-19

Quotations are invited for the supply of following goods/carrying out the work, so as to reach this office on or before 23-11-2019

Sr. No.	Description of Material/Item/Work	Approximate Quantity	Rate Per unit	Amount (Rs.)	Remarks
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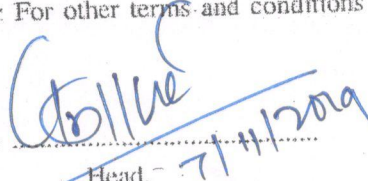
1. Inverted fluorescence microscope with camera and accessories.

Specifications and terms and conditions as per attached.

1. Octroi Exemption Certificate will be issued for the goods supplied from the places outside Pune Municipal Corporation Limits.
2. Excise duty/Exemption Certificate/Sale Tax form will be issued if applicable.

Note : For other terms and conditions see overleaf.

Signature :

  
Head, - 7/11/2019  
Department of Biotechnology,  
University of Pune,  
Ganeshkhind, Pune-411007.

Signature : .....  
(Supplier)  
(With Stamp)

Please paste this label on the envelope containing your sealed quotation.

Enq. No. BT/200 / Date : .....

Last date of submission .....

Atn : .....

Your quotation will not be considered unless this label is used on the envelope.

To

The Head  
Deptt. of Biotechnology

I.P.T.O.

## TERMS AND CONDITIONS

1. Mention Quotation No. on the envelope.
2. Quote rate per unit and date of validity. Date of Validity should be minimum of 30 days from the last date validity of submitting the quotation.
3. Submit Sample/Catalogue of the material with quotation if necessary.
4. Quotation must be sent alongwith the covering letter on your letterhead quoting your sales tax Registration number.
5. Conditional quotation will not be accepted.
6. Delivery within ..... days from the date of order at the Biotechnology Department of the University of Pune.
7. Work to be completed within ..... days from the date of order of the University of Pune.
8. Quotation will be rejected in case of even a single correction or overwriting. Only clear and uncorrected quotation will be accepted.
9. Payment as per actual measurements wherever applicable.
10. Payment will be made by cross cheque only.
11. Income tax will be deducted as per prevailing rule.
12. Water charges 2% will be recovered, if used.
13. In case of works and service contracts Security Deposit will have to be deposited by the contractor in following manner :
  - (a) 2.5% before commencing the work.
  - (b) 2.5% will be deduced from the R. A. Bill.
14. Electricity charges will be recovered as per rules if used
15. The University of Pune will issue Octroi Exemption Certificate if applicable.
16. Excise Duty Exemption Certificate/Sales Tax form will be issued, if applicable.
17. Rates quoted should be inclusive of all taxes with tax details e.g. Excise duty, Custom duty, Sales tax, Packing forwarding etc.
18. The above terms and conditions are acceptable.

Signature of the Supplier/Contractor.  
(With Stamp)

## **Specification for Inverted fluorescence microscope with camera and accessories**

Inverted Fluorescence Microscope with Phase Contrast or DIC modalities with color or monochromatic CMOS camera, software and computer. Large stage to accommodate various types of culture vessels. Also, accessories to support different culture and analysis vessels (e.g. culture slide, cover glass, flasks, Petri dishes, etc.). Following are the specification required:

### **1. Microscope Frame:**

Binocular/trinocular stand should have manual access for course and fine adjustments for focus and switching between dual light path (camera 100% or eyepiece 100%) or triple light path (camera 100% or camera/eyepiece 50/50 or eyepiece 100%) also LED illumination built-in lens for uniform distribution of light with built-in Epi-fluorescence filter turret (3-4 filters; additional positions for bright-field observation) and LED having long lifetime (minimum of 20,000 hours).

### **2. Eye piece:**

2 Nos. of 10X magnification with eye guards.

### **3. Nose piece:**

Motorized or Manual 4-6 position turret.

### **4. Condenser:**

Condenser with 0.3-0.55 NA or higher and W.D. 27 mm or W.D. 73.3 mm

### **5. Phase contrast slider:**

Appropriate Phase contrast slider for 10X, 20X, 40X and optional for 60X/63X and 100X.

### **6. Stage:**

Mechanical Stage with Universal holder to accept all types of specimen holders (Slide Glass, Hemocytometer, Petri Dish, Microplates, TC flasks, etc.).

### **7. Objectives:**

Field corrected and with relevant Phase/DIC components. Following objective lens are required:

- a) 10X, 20X, 40X with phase corrections and fluorescence capabilities.
- b) 60X/ 63X with fluorescence capabilities and Phase Contrast or DIC options.
- c) Optional: 100X oil immersion and fluorescence capabilities with Phase or DIC options.

### **8. Light source:**

- a) For bright field: transmitted-light illumination by LED.
- b) For Fluorescence: up to 3 different fluorescence LED units; available wavelengths: 385nm, 470nm, 560nm, 630 nm (optional).
- c) Power supply w.r.t Indian requirements.

**9. Fluorescence turret:**

Turret with 3 or higher filter cube positions. Filter cubes with excitation, emission and dichroic suitable for:

- a) DAPI
- b) FITC, GFP, Alexa 488, etc.
- c) TRITC, RFP, Rhodamine, Alexa 561, etc.
- d) Optional: Cy7, Alexa 633, etc.

**10. Camera:**

- a) 2-5MP CMOS camera.
- b) frame rate: 10 FPS or better.

**11. Software and computer:**

- a) Suitable computer/laptop (inbuilt or external) should be provided and has to be fully compatible with the system, camera and acquisition software.
- b) Suitable software for acquisition and analysis. Software for analysis only should be provided at perpetual license.

**12. Warranty:**

A comprehensive warranty for 2-5 years after installation. In case of 2 year or less than 5-year warranty an AMC for rest of the year (total 5 years) should be provided.

**13. Training and Demo:**

On-site training for microscope usage of multiple users should be arranged at the time of installation.

**Note:** The companies should carefully make a compliance sheet with the requested specifications and write about how they qualify them. Merely writing “Yes” or “Agreed” or “Compliance” will certainly not qualify them for bidding.

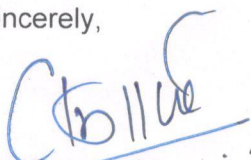
### Terms and Conditions

1. Department of Biotechnology, Savitribai Phule Pune University, Pune 411007 herein after is referred as 'BUYER' / 'PURCHASER' and tenderer is referred as 'BIDDER' / 'SUPPLIER'
2. The bidder should submit offers in two parts – Part A should include the technical bid in a sealed envelope<sup>1</sup> marked as "**Technical Bid**". Part B should be submitted as financial/commercial/Price bid in a sealed envelope<sup>2</sup> marked as "**Financial Bid**".
3. Mention our enquiry number & quotation for Inverted Fluorescence microscope with camera and accessories.
4. Date of validity should be minimum of 90 days from the last date of submission of quotation.
5. The leaflet, catalogues, relevant installation list etc. should be invariably submitted so that the proper evaluation of the equipment is possible.
6. Rates quoted should be inclusive of all taxes (with tax details). GST/Other Govt. Taxes, levies are to be indicated separately. Bidder should mention GST registration number and the PAN number in the offer.
7. This instrument and accessories are being purchased for research purpose only. We are entitled to avail concessional rates of GST@ 5% as per Govt. notification. The necessary GST exemption certificate will be provided.
8. Tax will be deducted as per prevailing rules. The supplier shall pay & bear all other liabilities, taxes & duties not specifically agreed by the purchaser in the offer.
9. Pre Installation requirements for the instrument (power specifications, space required, etc) should be clearly mentioned in the technical bid
10. The quotation will be rejected in case of corrections or overwriting. Only clear and uncorrected quotations will be accepted.
11. Conditional quotation will not be accepted.
12. Payment will be made after satisfactory installation, demonstration and training.
13. Delivery period should be between 6-8 weeks.
14. Compliance report should be attached along with the quotation.
15. Submit catalogue of the material with quotation if necessary.
16. Please send your quotation along with authorised dealers/manufactures certificate, by only surface mail / by hand to "**The Head of the Department, Department of Biotechnology, Savitribai Phule Pune University, Ganeshkhind, Pune 411 007**" on or before the due date 23/11/2019, mentioned in the enquiry.
17. All the communications should be exclusively addressed to "The Head of the Department, Department of Biotechnology, Savitribai Phule Pune University, Ganeshkhind, Pune 411 007".
18. Buyer will evaluate the technical and commercial acceptable offers after the scrutiny of the bids by its approved Technical and Purchase Committees. The technical and purchase committee reserves the right to select the appropriate specifications of the for Inverted Fluorescence microscope with camera and accessories system to be procured.
19. The successful bidder should deliver the material as per the purchase order at Department of Biotechnology, Savitribai Phule Pune University, Pune.
20. Savitribai Phule Pune University reserves the right to accept the offer in full or in parts or reject summarily or partly without assigning any reason.

21. The equipment to be supplied will be insured by the vendor against all risks of loss or damage from the date of shipment till such time it is delivered at Department of Biotechnology, Savitribai Phule Pune University, Pune.

Thank you,

Sincerely,



(Prof. R. N. Gacche)

Head, Department of Biotechnology.