

Centre for Applied Research in Electronics Indian Institute of Technology Delhi

03rd July 2013

The Centre for Applied Research in Electronics is planning to purchase a Microscope . Quotations for suitable systems matching the desired specifications and following IIT Delhi norms are hereby invited for the purchase.

Complete requirements of Microscope are listed below:

Upright Research Microscope with following minimum specifications:

1. Long life (10000 hrs) LED illuminations for both reflected and transmitted lights.
2. Reflector turret with 6 positions for upgradability to advanced Fluorescence.
3. Focus range: 24 mm or more with adjustable focus stop.
4. Integrated Power supply unit.
5. Upright image Binocular tube with 200 viewing angle.
6. Mechanical stage with minimum travel range :75 mm x 50 mm
7. Nosepiece: 6 position turret suitable for BF, DF and DIC
8. Objective Lenses: 10X, and 20X (without any immersion).
Infinity corrected optical system.
9. Eyepiece: 10X pair
10. Field of view : Strictly between 23 to 26
11. Dust cover
12. The microscope should be upgradable to Darkfield and DIC in future.
13. **Warranty: Minimum 1 year.**

ADDITIONAL OPTIONS:

These may be quoted separately as optional capabilities of the equipment. All options must be fully compatible with the above specified configuration.

1. **Objective Lenses** : 5X and 50X
2. **Spares** not included in the above system and needed for normal or additional operation for one year should be mentioned separately.
3. **Warranty:** For additional two years

The suppliers/manufacturers are requested to submit/send technical and financial bids (*financial and technical bids in separate sealed covers and again sealed in one envelope*) for the above mentioned equipment by **19th July, 2013**

I. ALL BIDS MUST HAVE THE FOLLOWING INFORMATION.

1. *Supplier must mention the following details about the warranty:* Number of years, starting date (from the date of installation). Additional charges in case extended warranty is required. Also mention if different components have different periods of warranty.
2. Warranty at customer site.
3. Please indicate the critical spares and their expected life time.
4. Quote the prices of listed accessories separately.
5. Delivery period must be clearly mentioned.
6. Validity of the quotations should be at least for 90 days.
7. All quotations must be clearly mentioned FOB or CIF.
8. Please provide user list of similar systems installed within India and abroad.
9. Specification compliance certificate
10. Bank details on which the letter of credit is to be issued
11. The letter of credit will be opened for 100% of the cost of the system. 90% of the amount will be released after the receipt of shipping documents. The balance 10% will be released within one month of successful demonstration at the site of installation.
12. Information for the wire transfer details should also be provided.
13. The information on utility facilities, foot print of the machine and the weight of the system must be provided in the technical bid.

II. PLEASE NOTE THE FOLLOWING POINTS.

1. Mode of payment will be through letter of credit or through TT after receipt of goods (in case of imported items).
2. The Institute has the right to accept or reject any or all quotations without assigning any reasons.
3. The bidder must submit quotation for optional items separately.
4. Since, the equipment is meant for teaching purpose in a reputed educational institute in India, a special price discount may be offered.

The sealed quotations must be submitted to:

Prof. B. S. Panwar
Block III, Room 201
Centre for Applied Research in Electronics
Indian Institute of Technology Delhi
Hauz Khas, New Delhi – 110016 (India)

For any clarification please send E-mail to: bspanwar@care.iitd.ernet.in

DEADLINE for submitting the quotations: **10:00 AM, 19th July 2013**

Prof. G.S. Visweswaran
Prof. Dept. Of Elect. Engg.
(Chairman Purchase Finalization Committee)