

INDIAN ASSOCIATION FOR THE CULTIVATION OF SCIENCE

2A & 2B, Raja S.C. Mullick Road, Jadavpur, Kolkata-700032

Tender Notice

NIT No. : IACS/ CSS / BBD / 2017-18/ 05

Date:18/04/2017

Sealed tender in two bids system (technical bid and price bid) is invited from bonafide, resourceful, and eligible manufacturer/exclusive distributor/vendors for procuring "Fluorescent Microscope (Inverted) as details given below.

Part-I (Technical Bid) of the tender should contain technical specifications in detail as well as commercial terms and conditions. Part-II (Price Bid) should clearly indicate group-wise price, if needed, as mentioned in the technical bid. The Technical Bid and Price Bid are to be submitted in separately sealed envelopes, distinctly marked accordingly and both to be put inside another envelop, that should be sealed and superscribed with tender notice no. and due date. The bidders may submit bids duly signed in their own letterheads.

Completed tender bids should reach the office of **Department of Physical Chemistry, Indian Association for the Cultivation of Science (IACS), 2A & 2B Raja S. C. Mullick Road, Jadavpur, Kolkata-700032** on or before the scheduled date and time specified below:

Tender Notice No.	IACS/CSS/BBD/2017-18/05 Date:18/04/2017
Last date and time of submitting tender	09/05/2017 upto 1.00PM
Pre-bid meeting to discuss technical specification	27/04/2017 at 12.00 Noon
Date and time of opening tender (Technical Bids)	09/05/2017 at 3.00PM
Date and time of opening of Price Bids	The Price Bids of the bidders qualifying the technical bid will only be opened, the date of which will be intimated to the short-listed bidders at their email addresses. The rest of the bids will be rejected.
Contact Details	Email: pcbbd@iacs.res.in / Phone 24734971 ,Ext. 2108

The technical bids will be opened first to judge/evaluate the technical specifications of the said instrument and thereafter the price bids of only technically qualified bidders will be opened.

Technical Bid Evaluation : The Technical Bids will be evaluated in the presence of the representatives of intending bidders who will be able to clarify technical aspects of their bids, if any, required by the Technical Evaluation Team.

Opening of price-bid : The Price Bids of the bidders qualifying the technical bid will only be opened, the date of which will be intimated to the short-listed bidders at their email addresses. The rest of the bids will be rejected.

Please note that IACS will not provide any accommodation or reimburse any expenses to any of the bidders for attending opening of technical bid.

A). TECHNICAL BID:

Features	Specification for Fluorescent Microscope (inverted)
Microscope stand	Large, Stable, bearing mounted Microscopy stand with provision to attach camera on Side port with 0:100 % light sharing with 19 mm or more FOV for Camera. Z focusing with Course and Fine knobs with travel range preferably 10 mm or more.
Observation Tube	Binocular tube with 45 degree Viewing Angle.
Transmitted light	Transmitted light continuously variable luminance Adjustment of brightness, with Field Diaphragms. Transmitted light with 4500K or more white light LED for long life with inbuilt fast shutter.
Contrasting Methods	Microscope should be equipped for Bright field, Phase contrast and Fluorescence.
XY Stage	XY stage with universal sample holder for plates, glass slides, petri-plates, etc.
Objective nosepiece	6 Position Nose piece for easy operation.
Condenser	Condenser with min. Working Distance of 40 mm or more and should have at least 6 / 7 positions.

Fluorescence	Filter turret with 6 or more positions. Adjustable aperture and field diaphragms; Should have body inbuilt 4 / 5 position light intensity filter wheel / slider. LED Fluorescence Light Source should be quoted with a minimum life span of 10,000 Hrs.
Fluorescence Filters	Fluorescence filter for DAPI (Excitation: 350/50Dichroic: 400, Emission: 460/50), FITC (Excitation: 480/40,Dichroic: 505, Emission: 527/30), RHOD (Excitation: 546/10,Dichroic: 510, Emission: 585/40) All filters should not have any pixel shift.
Objectives	Fluorescence grade Objectives: 10X/0.25 PH; 20X/0.3, 40X/0.55 PH (Objective working distance should be of 2.0-3.3mm and with correction collar) and 100x/1.25 PH Oil.
Eyepiece pair	10x/22mm Field of View or above
Cooled CCD Camera	The Monochromatic cooled CCD camera should be minimum 1.3 M Pixel with a pixel size of 3,70 μ m or more & with -20° C Peltier cooling,
	30 fps or better in 1x1 Full view.
	Pixel size 3.70 μ m x 3.70 μ m or better
	A/D converter 8/12/16 Bit or better
	Along with Microscopy 0.5x ~ 0.7x C-mount for Side Port.
Computer	Processor: i5/i7, RAM: 4GB or higher, HDD: 1TB or higher, OS: Win 7 Prof (64 bit), CPU cabinet: regular Tower type with spare SMPS SATA connector, External Graphics Card: 1GB or higher, Motherboard slot/ port: PCI Exp 1x/2x and USB 2&3 port, Monitor: 21" or higher with resolution 1k x 1k.
Software	Software for the acquisition of images in Multi-Channel Mode with Image Overlay & Interactive measurement module.
UPS & Wooden Table	1 KVA Branded UPS & Suitable Wooden Table and a steel stool should be quoted
Warranty & AMC	1 Year Warranty & 4 Years AMC should be quoted
Delivery	FOR IACS Delivery
Compatibility	Microscope, Camera & UPS should be from the same manufacturer for better compatibility

Important notes:

- i) Bidder providing misleading or wrong information will be disqualified
- ii) All technical claims of the Bidder should be supported by product catalogue, public website of the manufacture.
- iii) The Indian Agents desiring to quote on behalf of their foreign principals must have valid registration with the Central Purchase Organization (eg. DGS&D) as provided in Rule 143 of general Financial rules, 2005

B). FINANCIAL BID:

The financial bid should be super scribed as "Finance Bid" on the outer cover of the envelope.

1. Price Bid: The financial bid indicating (item-wise) price for the item(s) mentioned in the technical bid should be kept in a separate sealed envelope duly superscribed as "PRICE BID" on the outer cover of the envelope as already detailed above. The price bids of only technically qualified bidders will be opened and they will be intimated the date and time of opening of price bids at their email id-(s). Rest of the bids will stand rejected.

2. Price: Price to be quoted both on FOB and CIF basis for foreign currency or in Indian Currency. Name of the particular port from where our authorized forwarder will lift the consignment must be mentioned clearly with FOB price.

3. Bid Security (EMD): An Account Payee Demand Draft for Rs. 25,000/- (**Rupees Twenty five thousand only**) drawn in favour of "Indian Association for the Cultivation of Science" payable at Kolkata is to be furnished by the bidders, as Bid Security money or Earnest Money Deposit (EMD) with the tender.

4. The Demand Draft for the Bid-Security money should have at least 45 (forty five) days validity period after the opening of the Bids.

5. In case of non-award of the work the Bid Security money would be returned to the unsuccessful Bidders. Bid security money to the successful bidder will be refunded on receipt of the Performance security money.

6. Performance Security: An Account Payee Demand Draft for an amount of 10% of the order value drawn in favour of "Indian Association for the Cultivation of Science" payable at Kolkata is to be furnished by the successful bidder as Performance security. Performance security money would be released by IACS after a period of 60 days from the date of completion of all contractual obligations of the supplier including warranty obligations. Bid security money will be refunded to successful bidder on receipt of the Performance security money.

(C) General Instructions:

1. Incomplete & conditional tenders and tenders received after the due date will be summarily rejected without assigning any reasons thereof.

2. "Fluorescent Microscope (inverted)"should clearly be written on the envelope.

3. At any time prior to the bid due date, IACS may, for any reason, whether at its own initiative or in response to a clarification requested by a prospective bidder during pre-bid meeting, modify the bidding documents. The amendment(s) will be notified on the Institute website only. Prospective bidders are advised to occasionally visit the website (www.iacs.res.in/tender) for any amendment.

4. Payment Terms: 100 % through letter of Credit; 90% to be released on shipment and balance 10% against successful installation & commissioning subject to submission of performance guarantee.

- 5. Warranty:** Equipment should be offered with standard warranty followed by 48 months Annual Maintenance Contract (AMC). The vendor should quote the charges for 48 months AMC. The vendor should also quote for further 5 years AMC after the expiry of initial period of warranty & AMC. Taxes as applicable will be deducted at the time of payment of AMC amount.
- 6. Installation/Demonstration /Application Training at site:** Free of cost by the supplier.
- 7. User list:** The supplier should provide a list of current users (with contact no, Email address etc) for the quoted item in India and abroad. Preference will be give to suppliers with many installations at reputed research/academic institute in India and abroad.
- 8. Service facility:** Supplier should mention their details of service setup and Manpower inKolkata who are responsible for after sales support. Response time should be within 24 hours.
- 9.** The tender submitted shall remain valid at least for three months from the date of opening the tender. Validity beyond three months from the date of opening of the tender shall be by mutual consent.
- 10.** The tender should accompany a compliance chart. A technical compliance chart should also be provided in the following format:
- Serial Number Tender Specification of your Extent of compliance offered instrument**
- 11.** The rate should be inclusive of all taxes, transportation etc. Nothing extra will be paid in addition to the quoted rate. The taxes, etc. should be shown separately in the Price Bid.
- 12.** The model number, make, and a printed literature of the product shall be submitted positively.
- 13.** Proposed delivery schedule should be mentioned clearly.
- 14.** Manufacturers/exclusive distributors/vendors should have history of supplying this type of instrument to this or other Scientific Organizations.
- 15.** Authorized Dealership Certificate is must in case of principal manufacturing company is not quoting directly.
- 16.** Guarantee certificate, users manuals etc. are to be handed over to the user after successful commissioning of the system.
- 17.** Incomplete tenders will be summarily rejected.
- 18.** For any clarification regarding technical specifications, etc. please send your queries to "Dr. Benu Brata Das: pcbbd@iacs.res.in"
- 19.** In the event of date being declared a closed holiday for purchaser's office, the due date for submission of bids and opening of technical bids will be the following working day at the appointed time.
- 20.** Please note that IACS will not provide any accommodation or expenses to any of the bidders for attending opening of technical bid/price bid
- 21.** Acceptance of Tender: IACS authority does not bind itself to accept the lowest tender and reserves the right to reject any or all the tenders received without assigning any reason thereof.

Acting Registrar