

INDIAN ASSOCIATION FOR THE CULTIVATION OF SCIENCE

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

NIT No. : IACS/SPS/DKS/2019-20/101

Date: 29-01-2020

Sealed tender in two bids system (technical bid and price bid) is invited from bonafide, resourceful and eligible manufacturer/exclusive distributor/vendors for **Upright Fluorescence Research Microscope**

Sealed tender in two bids system (**Technical Bid & Financial bid**) is invited from bonafide, resourceful and eligible manufacturers/exclusive distributors for supply and installation of **Upright Fluorescence Research Microscope** with necessary accessories.

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 the **Registrar, 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.	NIT No. IACS/SPS/DKS/2019-20/101 Date: 29-01-2020
Last date and time of submitting tender	18th Feb2020, (1.30 PM)
Pre-bid meeting(date, time & place) to discuss technical specification	11th Feb2020 @2.30 pm in room #66 IACS main building
Date and time of opening tender (Technical Bids)	18th Feb at 3 PM
Place of opening tender	@2.30 pm in room #66 IACS main building
Date and time of opening of Price Bid	The Price Bids of the bidders qualifying the technical bid will only be opened
Contact	Email: bcdks@iacs.res.in Tel.+91 33 2473 4971 [Ext 1106] Mobile: 8902477366

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.

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

Quotations received incomplete or beyond the stipulated time will be summarily rejected.

Bidders should submit their past experience for supplying and successful installation of similar units to other research Institutes/Universities/other organizations in India and abroad. Please provide documentary proofs of such successful installation and supportive documents that the instruments are running successfully.

For evaluation of L1 (least price) amongst the technically qualified bid only, the price of optional item will be considered in the event the committee decides to procure it. If the committee decides not to procure the optional items then the cost of those optional items will not be included in evaluation of L1.

1. TECHNICAL BID

The technical bid should contain technical specifications and should be kept in a separate sealed envelope duly superscribed as 'TECHNICAL BID' on the outer cover of the envelop as already detailed above. **It should be clearly mentioned on the envelope as "Technical Specification for Upright Fluorescence Research Microscope ".**

Desired Technical Specification

1	Upright Fluorescence Research Microscope
	1a. Upright microscope for Bright field, phase contrast, dark field and fluorescence observations. 1b. High resolution semi-apo/plan-fluor objectives 10x NA 0.3; 20X (phase); 40X NA 0.6 (phase); 60X 1.35 NA; 100x NA 1.4,(DIC), Long Working distance is preferable. 1d. Intermediate magnification changer 1.5X or more . 1e. 6-8 position Fluorescence filter wheel with shutter & 6 position 1f. 12V 100W Halogen lamp illumination for transmitted light with built in filters. 1g. 130 watt or more, intensity tunable fluorescence illumination by Hg/metal halide lamp with lamp of life minimum 2000Hrs with heat filter. 1h. Fluorescence filters for UV, Blue, Green, red, excitation ranges, <i>two empty mirror mount</i> should also be provided separately 1j. Suitable condenser for Phase. Phase Contrast rings PH1, PH2 and PH3 should be provided
	1k. Motorized scanning stage for XY-positioning (compatible with Multipoint Imaging); Microtiter plate holder for 35 mm Dish well plate and glass slides*. 1l. Metallic stage heating RT to 60 deg C heating

2	System control and imaging software
	Software from the vendor should be capable of acquiring time laps and multi point Image
3	Computer
	Compatible with the camera 1TB hard disk etc.... For detail, the camera manufacturer should be consulted.
4	Online UPS
	Vendor should arrange for the supply of suitable 3-5-KVA Online UPS with at least 30 minutes backup
5	ACCESSORIES
	a) Microscope cover b) LASER 561 nm (50 mWatt, TEM00 mode) e) Objective Oil + c mount g) Two 1 inch polarizes h) Dichroic for 561 nm laser i) One spare bulb each for fluorescence (130 watt, Hg/metal halide) and DIC (12V 100W Halogen)
6	Camera (should be provided with all accessories like cables and cards etc)
	Cooled color CCD camera (5 M pix or more, for fluorescence imaging with USB/firewire based Interface)

Technical Bid must include a compliance table in following format

Sr. No	Tender specification	Your offered instrument specification	Extent of compliance

Important notes:

- i) Vendor should quote rates involved, if any, for the Optional Items/services mentioned separately.
- ii) Bidder providing misleading or wrong information will be disqualified
- iii) All technical claims of the Bidder should be supported by product catalogue, public website of the manufacture.

iv) Qualified vendor will be required to undertake the room refurbishment for proper installation of the system. IACS will provide the space will electrical connection. The vendor will be required to install the necessary tables and other furniture as required by the instruments. They are expected to inspect the space and take the room preparation work before delivery of item.

2. PRICE/ FINANCIAL 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 super scribed as 'PRICE BID' on the outer cover of the envelop as already detailed above. Price bids of only technically qualified bidders will be opened and they will be intimated the date and time of the opening of price bid at their e-mail ids. Rest of the bidders will stand rejected.

PRICE: Price to be quoted **on CIF Kolkata and also FOB basis.**

3. BID SECURITY /Earnest Money Deposit (EMD) and Warranty:

a. Bank Guarantee (BG) or An Account payee Demand Draft/Pay Order of Nationalized Indian Bank for Rs. 40,000 (Rupees fourty thousand only) drawn in favour of "Indian Association for the Cultivation of Science (State Bank of India, Jadavpur University Branch, A/C No. 11079699211, IFSC: SBIN000093, MICR Code: 700002048)" is to be furnished by the bidders along with Technical Bid except those who are registered with the Central Purchase Organizations, National Small Industries Corporation or the concerned Ministry or Department, as.

b. The BG/Demand Draft for the Bid-Security should have at least about 90 (ninety) days validity period of opening of the bids.

c. In case of non-award of the work the Bid Security money would be returned to the unsuccessful bidders. **It is responsibility of the bidders to collect the Bid Security money within two months from opening of the bid.**

Warranty: Equipment should be offered with standard warranty followed by Annual Maintenance Contract (AMC) /Comprehensive Maintenance Contract for a total (AMC/CMC) duration of 5 year. The vendor should quote the charges for AMC and CMC separatly. The vendor should also quote for further 5 years AMC/CMC after the expiry of initial period of warranty & AMC. Taxes as applicable will be deducted at the time of payment of AMC/CMC amount.

4. PERFORMANCE SECURITY:

Bank Guarantee (BG) or An Account Payee Demand Draft on any nationalized bank of India of 10% of the order value in the name of "Indian Association for the Cultivation of Science" is to be furnished by the successful bidder as Performance security. Performance security money should remain valid for a period of 60 days beyond the date of completion of all contractual obligations of the supplier including warranty obligations. Bid security money or EMD will be refunded to successful bidder on receipt of the Performance security money.

5. TERMS OF PAYMENT :

Payment will be made through irrevocable Letter of Credit in two installments. 90% of the money will be released on submission of shipping of documents. Remaining 10% will be released after successful installation of the instrument.

6. GENERAL INSTRUCTIONS :

1. Validity of tender: Tender submitted should remain valid for at least six months from the date of opening the tender. Validity beyond six months from the date of opening of the tender shall be lapsed by mutual consent.
2. The tender should accompany a compliance chart.
3. Incomplete and conditional tenders as well as tenders received after the due date will be summarily rejected without assigning any reasons thereof.
4. 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. Prospective bidders are advised to occasionally visit the website (www.iacs.res.in/tender) for any amendment.
5. Installation/Demonstration/Application training at site: Installation & user training at IACS, free of cost by the supplier.
6. Service facility: In India, preferably Kolkata, supplier should mention their details of service setup and man powers who are responsible for after sales support. Response time should be within 24 hrs.
7. The model number, make and a printed literature of the product should be submitted positively.
8. Proposed delivery schedule should be mentioned clearly.
9. Manufacturers / exclusive distributors / vendors should have history of supplying this type of instruments to this or other scientific organizations. Availability of a list in this regard would be preferred.
10. Authorized dealership certificate should be provided in case of principal manufacturing company is not quoting directly.
11. Guarantee certificate, users manuals etc. are to be handed over to the user after successful commissioning of the system.
12. In the event of date being declared a closed holiday for purchaser's office, the due date for submission of bids and opening of the technical bids will be the following working day at the appointed time.
13. In case of any dispute, the decision of IACS authority shall be final and bidding on the bidders.
14. For any clarification regarding technical specifications, information etc., please send your queries to Dr. Deepak Kumar Sinha (bcdks@iacs.res.in).
15. The authority of IACS reserves the right to reject any or all of the tenders received without assigning any reason thereof.

Acting Registrar