

INDIAN ASSOCIATION FOR THE CULTIVATION OF SCIENCE

2A & 2B Raja S.C.Mullick RoadJadavpur, Kolkata 700032

Tender Notice No.: IACS/PC/BBD/WELLCOME-DBT/14/35dated: 27.08.2014

Sub: High resolution Gel imaging system

Sealed tender in two bids system (**Technical Bid &Price bid**) is invited from bonafide, resourceful and eligible manufacturers/exclusive distributors of **“High resolution Gel imaging system” with necessary accessories.**

Part I (Technical Bid) of the tender should contain technical details and commercial terms and conditions and Part II (Price Bid) should indicate group-wise price as mentioned in the Technical Bid where applicable. The Technical Bid and Price bid are to be submitted in two separately sealed envelopes distinctly marked accordingly and both to be put inside another envelope, which should be sealed and super scribed with tender notice no. and due date. The bidders may submit bids duly signed in their own letterheads.

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

Tender Notice Number	IACS/PC/BBD/WELLCOME-DBT/14/35 dated: 27.08.14
Last date and time of submitting tender	26thSeptember, 2014 (1.00 PM)
Pre bid meeting to discuss technicalspecifications	15th, September, 2014at JC Bose meeting hall
Date and time of opening tender	26thSeptember, 2014 at 3:00 PM
Place of Opening Tender	at JC Bose Meeting Room
Contact	pcbbsd@iacs.res.in

The technical bids will be opened first to evaluate the technical specifications of the equipment thereafter, the Price bids of only technically qualified bidders will be opened. The date of opening the Price Bids will be intimated to the short-listed bidders at their contact addresses. The rest of the bids will be rejected.

A). TECHNICAL BID:

1. Should perform fast and versatile laser based scanning for biomolecular imaging applications including sensitive and quantitative measurements of radioisotopic labels, chemifluorescent Western blots, and single fluorescence (visible excitation), as well as documentation of colorimetric stains (e.g., Coomassie™ blue and silver-stained gels).
The system should have at least three lasers and preferably four lasers
1st laser: Blue
2nd Laser: Green
3rd laser: Red
2. High speed performance for the sensitive detection and precise quantitation of proteins afforded by the chemifluorescent Western blotting system. Applications include phosphorimaging of radioisotopes, sensitive detection of proteins separated by 2-D electrophoresis preferably stained with Deep Purple™, SYPRO™ Ruby or SYPRO Red, chemifluorescent Western blot imaging with ECL Plus, and DNA imaging by SYBR™ Green or Cy™ 5.
3. The system should accommodate preferably up to four computer controlled emission filters for attaining optimal imaging conditions.
4. Productivity: High speed scanning over 20 x 25 cm area in 8 minute or less time at 100 μm pixel size without compromising sensitivity.
5. High resolution and quantitation: Preferably generate 16-bit images at up to 25 μm pixel resolution. A linear signal response preferably over five orders of magnitude must give precise quantitation in gels, blots, and tissue sections
6. Must accommodate a minimum Scanning area: 20 × 35 cm or more for Phosphorimaging and 20 × 35 cm or more for Fluorescence applications. Must have selectable resolutions with various pixel sizes 200μm, 100μm, 50μm, and preferably 25μm.
7. Two sets of 20 x 25 cm and two sets of 20 x 40 cm phosphor imaging screen must be supplied with the system along with the phosphor signal removing set up should be provided.
8. All the images generated by the facility should be analyzed and quantitated using a powerful and sophisticated image analysis software that is capable of analyzing 1D gels, multi-tiered gels,, cell counting.
9. PC system from reputed brand with Intel® 3rd Generation Core™ i7 Processor (6 MB cache, 4 cores, 3.1GHz) Intel® B75 Chipset, 3.0 TB HDD, 8.0GB (4 + 4) DDR3 RAM

1333MHz, SATA SuperMulti DVD writer, 6 USB 2.0 for analysis and storage of images should be provided

10. Online UPS for uninterrupted running of the equipment must be supplied.

11. Comprehensive training and application support must be assured and a list of facilities where imaging infrastructure has been provided in India should be supplied.

Important notes:

- Equipment should be offered with 12 months warranty followed by 48 months Annual Maintenance Contract (AMC).
- Onsite training for minimum 5 days should be provided by the vendor
- Vendor should arrange for the supply of suitable Online UPS with at least 60 minutes back-up
- Bidder providing misleading or wrong information will be disqualified
- All technical claims of the Bidder should be supported by product catalogue, public website of the manufacture.

B). PRICE BID:

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

1. **Price Bid:** The price 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/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 of Rs. 80,000/- (Rupees Eighty thousand only) in the name of "**Indian Association for the Cultivation of Science**" is to be furnished by the bidders, as Bid Security money or Earnest Money Deposit (EMD).

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.

6. Performance Security:

An Account Payee Demand Draft of an amount 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 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. "High resolution Gel imaging system"" should clearly be written on the envelope.

2. 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.

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

4. Warranty: Equipment should be offered with 12 months warranty followed by 48 months Annual Maintenance Contract (AMC).

5. Installation/Demonstration /Application Training at site: Free of cost by the supplier

6. User list: The supplier should provide a list of current users (with contact no, Email address etc) for the quoted item in India.

7. Service facility: Supplier should mention their details of service setup and Manpower in Kolkata who are responsible for after sales support. Response time should be within 24 hours.

8. 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

9. The tender should accompany a compliance chart. A technical compliance chart should also be provided following the given format:

Serial Number	Tender Specification	Specification of your offered instrument	Extent of compliance

10. The rate should be inclusive of all taxes, transportation etc. Nothing extra will be paid in addition to the quoted rate.

11. The model number, make, and a printed literature of the product shall be submitted positively.

12. Proposed delivery schedule should be mentioned clearly.

13. Manufacturers/exclusive distributors/vendors should have history of supplying this type of instrument to this or other Scientific Organization.

14. Authorized Dealership Certificate is must in case of principal manufacturing company is not quoting directly.

15. Guarantee certificate, users manuals etc. are to be handed over to the user after successful commissioning of the system.

16. Incomplete tenders will be summarily rejected.

17. For any clarification regarding technical specifications, etc. please send your queries to "**Dr. Benu Brata Das: pcbbd@iacs.res.in**"

18. 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.

19. 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.

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

REGISTRAR