

**ALL INDIA INSTITUTE OF MEDICAL SCIENCES
DEPARTMENT OF PATHOLOGY
Ansari Nagar New Delhi:- 110029**

Ref. L.T.E. No. 06/Path/16-17/Plan

Date: 08.02.2017

Dear M/s

A Limited Tender Enquiry is hereby floated/ invited for purchasing the following item required by the Department of Pathology, AIIMS, New Delhi.

Item name	'Image Analysis Software For Histopathology Digital Images'
Quantity	1 (One)
Warranty/ Guarantee	2 years Comprehensive warranty

Technical Specification for 'Image Analysis Software For Histopathology Digital Images'

Sl No	Description
1.	Image analysis software, suitable for measuring various dimensions of a digital image, including segmentation facilities, based on different pixel values, as determined by difference of color, shades, etc.
2.	All measurement parameters of the software should work offline.
3.	Super resolution image processing, tiling, stitching, superimposition, inserting facilities should be available. Color coding facility of different components of an image by class must be there.
4.	All image processing facilities should work when off-line. Autosave function should be there while working.
5.	Efficient result display of innovative statistical data tables, graphs, histograms, charts, images etc.
6.	The fractal dimension analysis capability should be there.
7.	Should be able to extract features with spatial tools that isolate a region of Interest (ROI) from the rest of the image, or with segmentation tools that extract features by color or intensity value.
8.	Image enhancements by using standard kernels, filters, image arithmetic, stack visualization, autodisintegration of objects, provision of toggling on and off of objects in a digital image, etc. The software should be equipped with both basic and advanced automatic and manual counting and measuring features with facilities of classifying objects based on their topography, size, colour, density, margins, character, etc. The software should be able to detect co-localization in biological samples and should be able to graphically display association between two data sets.

9. Should be user friendly, easy to use, should be compatible with all current versions of the Microsoft Windows Software.
10. The software should be compatible with images processed with other commonly used softwares, as, IrfanView, Adobe Photoshop, Windows Microsoft picture Manager, etc. The software should be compatible with JPEG, JPEG 2000, TIFF, Microsoft Windows bitmap file formats, etc.
11. The software must be able to save and recreate the exact commands/ steps for future analysis (Automated command recording facility/ Macros). Tool for editing the command scripts would be preferred.
12. Initial calibration and onsite demonstration of all parameters, including the use of Macros would be the responsibility of the supplier. Making the software functional on the existing standard desktop (approx.. configuration of 4 GB RAM and 500 GB internal memory) would be their responsibility.
13. Provision of upgrading the software licence in future to enable it to facilitate integrated image acquisition with installed camera should be there.
14. Any time technical support, if needed further after installation, during use, would also be the responsibility of the supplier.
15. Downloading already available macros or apps from the company website and facilities to integrate the same in the software should be there and relevant access should be given to the user during supply.
16. Warranty: At least 2 year warranty on manufacturing defects should be provided. AMC for subsequent years should be quoted along with the price quoted in the software.
17. Penalty clause would be applied at a rate of 2% of the item cost / day, if it remains at not working condition for >7 days, and also if the vendor fails to deliver the equipment ordered within the specified time as appropriately decided by the institute at a rate decided by the purchase committee.
18. Undertaking from the specification committee stating that the specifications are broad based, general with respect to the requirement and not suit to any particular firm/brand.

TERMS & CONDITIONS:

The quotations should be addressed to 'Professor & Head, Department of Pathology, Room No. 1050, AIIMS, New Delhi-29' and sent by post/courier by **24th February, 2017 up to 5:00 PM.** Quotations should be sealed in an envelope. Reference no. and item name should be clearly written on the top of the envelop. (i.e. **L.T.E No. 05/Pathology/16-17/Plan** for the item **"Image Analysis Software For Histopathology Digital Images' (One). The Technical Bid opening will be done on 25th February, 2017 at 11:00 AM, at Path LT, Department of Pathology, AIIMS, New Delhi.**

1. Registered firm must be authorized and have TIN No./ Registration No. **(Please mention TIN/ registration no. on the bids or else the quotation will be REJECTED).**
2. The bidder is required to submit **bid in two parts** viz

(a) Technical Bid in one envelope containing following information.

- i. Technical descriptions of quoted model/s
- ii. List of all consumables/accessories required to run the equipment
- iii. Terms & conditions including warranty/CMC/Taxes etc.
- iv. Original Catalogues of quoted model/s
- v. Earnest Money Deposited
- vi. All required affidavits/undertaking
- vii. Authorization letter from the Principal company

(b) Commercial bid in one envelope containing following information

- i. Offered price of quoted model/s
- ii. Price list of all consumables/accessories required to run the equipment
- iii. Post warranty Comprehensive Maintenance Charges

BOTH BIDS SHOULD BE PACKED IN SEPARATE SEALED ENVELOPES.

3. The **Earnest Money Deposit (EMD) of Rs. 6,000/- (Rs. Six Thousand only)** In favour of 'Director, AIIMS, Delhi' In form of Account Payee Demand Draft, Fixed Deposit Receipt, Banker's Cheque or a Bank Guarantee in acceptable form from any of the Scheduled Banks should be enclosed with Technical bid. **Submission of EMD is mandatory in acceptable form, failing which their bid will be summarily rejected and no correspondence will be entertained in future in this regard. Any kind of exemptions giving MSME/NSIC in respect of EMD will not be acceptable.**
4. The earnest money of the successful bidder and the unsuccessful bidders will be returned to them without any interest.
5. The offered make/brand should be mentioned on the bid. **Relevant literature/original catalogue should be submitted along with the technical bid failing with item would not be considered.**
6. Quotation should be typed/ written in ink. No overwriting or erased entries should be there in the quotation. The rates **should be valid for at least nine months.**
7. VAT/Sales tax or any other kind of tax(s) must be separately mentioned against each item. In case no sales tax is chargeable, prices must be quoted as NET PRICE.
8. Demonstration: The Purchaser reserves the right to ask for a free demonstration of the quoted equipment at a pre determined place acceptable to the purchaser for technical acceptability as per the tender specifications, before the opening of the Price Tender.
9. **Warranty/Guarantee:** The item must be covered under **5 years comprehensive warranty (Including all spares and labor) from the date of completion of the satisfactory installation. The warranty charges shall not be quoted separately otherwise the offer shall be summarily rejected.**
10. Post Warrant CAMC: The bidders must submit their quote also (rates) for subsequent next (6th to 10th year) five years Comprehensive AMC (including all spares and labor) in their price bid. Failure to comply this condition will entail the rejection of the bids. The cost of CMC will be added for ranking/evaluation purpose

Undertakings:

- a) An undertaking should be enclosed with the technical bid state 'that the firm has deposited the VAT/ SALES TAX to the VAT department of last period, and there is no outstanding of taxes is pending against the firm'.

- b) The firm has to give a affidavit on non-judicial stamp paper that the firm has not been blacklisted in the past by any Institution, Government/Private.
 - c) The firm has to give an affidavit on a non-judicial stamp paper that there is no vigilance FEMA/CBI case pending against the firm/supplier.
 - d) The firm has to give an affidavit on a non-judicial stamp paper that the firm is not supplying the same item at lower rates quoted in the tender to any government organization or any other institution during past 1 year, as per FALL CLAUSE adhered by DGS&D and other government agencies.
 - e) The firm has to give an affidavit that "We hereby certify that if at any time, information furnished by us is proved to be false or incorrect, we are liable for any action as deemed fit by the purchaser in addition to forfeiture of the earnest money.
- 11. Installation and training of equipment will be provided by the company at free of cost and there will no extra charges will be paid.
 - 12. The firm must be able to supply the item at the mentioned place/location within stipulated time for supply after issuing the Supply Order.
 - 13. **Payment:** will be made through ECS/RTGS/NEFT after delivery and inspection of working conditions of the item. Please provide following information on the bill:
 - i. Name of the beneficiary
 - ii. Account no. of the beneficiary
 - iii. Bank/Branch name
 - iv. IFCS code of the bank/branch
 - v. Please print on each page of the bill '**GEID No. GE 11400**'
 - vi. An undertaking on each page of the bill state that "It is certified that the firm is depositing VAT to the VAT department quarterly and filing the returns in stipulated time and there is no dues of VAT against the firm" **without undertaking the bill will not be processed for payment.**
 - 14. The Institute is not authorized to issue **C/D form** against the order placed in Indian Rupees.
 - 15. **If the firm has quoted the price in foreign currency, the payment terms will be 100% via bank transfer after delivery and successful installation of item. The firm has to submit the 10% performance bank guarantee before releasing the payment.**
 - 16. Commission for Indian Agent, if any and if payable shall be paid in Indian Rupees only.
 - 17. The successful bidder firm has to deposit a 10% Performance Bank Guarantee of total value of item, in favour of 'Director, AIIMS, Delhi' in form of Account Pay DD/FDR/Bank Guarantee should be valid for two additional months on warranty periods, before releasing the payment.
 - 18. All bidder firms are advised that they may please check the Institute web-site www.aiims.edu time to time if any corrigendum issuing regarding this L.T.E.
 - 19. The quantity of items can be increased or decreased in the extent of 25%.
 - 20. The Professor & Head of the Department reserves all the right to cancel/reject full or any part of the rate enquiry which generally do not fulfill the conditions stipulated in the rate enquiry.

Dr. Asit R. Mridha
Assoc. Prof of Pathology
Asstt Officer-In-Charge Store

Dr. Ruma Ray
Prof. of Pathology
Asstt. Officer-In-Charge Store

Copy to: Computer Facility: With request for uploading the same in AIIMS websites for a period of 15 Days.