Tender Notification for procuring an "Automated imaging system for high throughput screening of crystallization" at the Indian Institute of Science, Bangalore.

Dear Sir/Ma'am 24/07/2017

Sub: Request for quotations for an Automated imaging system for high throughput screening of crystallization.

This is a request seeking quotations towards procuring an "automated imaging system for high-throughput screening of crystallization plates" on CIP. Bengaluru Basis. Your quotation should clearly indicate the terms and conditions of the quotations, delivery, delivery schedule, entry tax, payment terms, warranty coverage etc. The quotation should be submitted in two parts: Part I (Technical bid) and Part II (Commercial bid) and both should be submitted in a sealed envelope. Technical bid should be exactly same as commercial bid except that prices are not shown in technical bid. Technical bid should have item wise compliance report of all specifications. The commercial bid should have pricing for each of the items quoted in the technical bid. Prices quoted should be inclusive of all taxes / duties. The prices quoted should be inclusive of delivery of the items to the site and installation at site and should include both rupee and US dollar quotes. The last day for submitting the bid is September 4th , 2017. The offer should be valid for a period of at least 60 days from the last date for submission of quotes.

Specifications for "Automated imager for crystal screening".

1. The imaging system should be completely automated and should be capable of imaging one or two SBS-style 96 plates at a given time.

2. Additional capability of imaging 24 well linbro or VDX plates is an added advantage.

3. The imager should be capable of taking UV fluorescence images of protein crystals along with bright field images in parallel.

4. The image quality should be reproducible and the imager should be capable of operating at a temperature range of 4°C to 25°C.

5. The device should be supported by user-friendly software and a robust data backup system to store at least 2 TB of images.

6. The software may have an appropriate scoring system for faster identification of potential crystallization conditions.

7. The instrument should be supplied with appropriate spares and adaptors to allow

imaging plates across a wide array of plate specifications.

8. The instrument should be capable of imaging lipidic cubic phase crystals both by UV and bright field in glass sandwich plates. System must have a 40x objective for sub-micron crystal analysis for LCP work. System should allow overlap of bright field and fluorescence image in same setting.

9. The bidder should provide annual maintenance for at least 5 years and be accessible for service during any operational issues that might arise with the imager.

Installation: The machine along with accessories should be installed in MBU, IISc and made fully functional by the company or through its authorized agents. The machine acceptance will involve trouble free operation and demonstration of the capability of the system for which necessary consumables to be supplied along with the system.

System maintenance: Bidder should provide the free service if there is a routine up gradation or software installation is required. It is also preferable that providing company/bidder should take care of the proper servicing of the instrument on a time-to-time basis.

Important: Please note that systems with proven record for usage in cryo-electron microscopy labs in India are desirable. Provide the users list (Worldwide and in India) and the Service and Application support structure in India (Bangalore).

The documents may be addressed to the Chairman, Molecular Biophysics Unit (Kind attention: Dr. Aravind Penmatsa), Indian Institute of Science, Bangalore 560 012. Last date for receiving queries: August 31st, 2017. Please email penmatsa@iisc.ac.in

The last date for submission of bids is September 4th, 2017.
Thank You,
Sincerely,

Aravind Penmatsa, PhD
Assistant Professor,
Molecular Biophysics Unit,
Indian Institute of Science,
Bangalore, 560012,
Karnataka, India.
Phone. +91-80-22932458
e.mail: penmatsa@mbu.iisc.ernet.in; penmatsa@iisc.ac.in