



# भारतीय विज्ञान शिक्षा एवं अनुसंधान संस्थान मोहाली

मानव संसाधन एवं विकास मंत्रालय, भारत सरकार द्वारा स्थापित  
सैक्टर 81, नॉलेज सिटी, पी. ओ. मनोली, एस. ए. एस. नगर, मोहाली, पंजाब 140306

## INDIAN INSTITUTE OF SCIENCE EDUCATION AND RESEARCH MOHALI

(Established by Ministry of Human Resource Development, Govt. of India)

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E-mail/CPPP/Website

IISERM (514) 14/15 Pur.

Date: 03<sup>rd</sup> March 2015

### NOTICE INVITING QUOTATION

Sealed Quotations are invited on behalf of Director IISER Mohali for the purchase of following items, so as to reach latest by 25<sup>th</sup> March 2015 before 1 pm. The Quotations will be opened on the same day at 4 pm in the presence of tenderers, if any

Sr.	Descriptions	Quantity																																				
1.	<p>High Speed Imaging Camera (sCMOS) for Live Imaging.</p> <p><b>Specifications:</b></p> <p>1. Camera should have following features:-</p> <table border="1"><tbody><tr><td>1</td><td>Sensor Array</td><td>Should be at least 1980 1080</td></tr><tr><td>2</td><td>Pixel Size</td><td>6.50 X 6.5 <math>\mu</math> or better</td></tr><tr><td>3</td><td>Pixel full well capacity</td><td>30,000 e<sup>-</sup></td></tr><tr><td>4</td><td>Digital Output</td><td>16-bit</td></tr><tr><td>5</td><td>Read noise</td><td>&lt; 2 e<sup>-</sup></td></tr><tr><td>6</td><td>Frame Rate</td><td>100 fps at full resolution (the data should be continuously streamed to SSD @ 100fps) with maximum of 1600 fps with different Binning and ROI</td></tr><tr><td>7</td><td>Digital Interface</td><td>Serial Lite PCIe (&gt; 400MB/s data rate) or better interface for fast data transfer</td></tr><tr><td>8</td><td>Quantum Efficiency</td><td>&gt;50%</td></tr><tr><td>9</td><td>Trigger I/O Signals</td><td>Trigger in, Expose out</td></tr><tr><td>10</td><td>Warranty</td><td>Minimum of 3 years</td></tr><tr><td>11</td><td>Software</td><td>Camera should be compatible with 3<sup>rd</sup> party open source software and vendor should be able to configure the same with Zeiss Microscope.</td></tr><tr><td>12</td><td>Computer</td><td>Latest compatible Dell Xenon base Computer with Quad Core Processor 64GB/128GB RAMS, Solid State PCIe (SSD). Computer should be pre integrated and shipped with Camera for better compatibility.</td></tr></tbody></table> <p>2. The company should have demo unit available in the country. 3. Technical support should be available in the country. 4. Offer should be submitted by Manufacturer/Exclusive distributor.</p>	1	Sensor Array	Should be at least 1980 1080	2	Pixel Size	6.50 X 6.5 $\mu$ or better	3	Pixel full well capacity	30,000 e <sup>-</sup>	4	Digital Output	16-bit	5	Read noise	< 2 e <sup>-</sup>	6	Frame Rate	100 fps at full resolution (the data should be continuously streamed to SSD @ 100fps) with maximum of 1600 fps with different Binning and ROI	7	Digital Interface	Serial Lite PCIe (> 400MB/s data rate) or better interface for fast data transfer	8	Quantum Efficiency	>50%	9	Trigger I/O Signals	Trigger in, Expose out	10	Warranty	Minimum of 3 years	11	Software	Camera should be compatible with 3 <sup>rd</sup> party open source software and vendor should be able to configure the same with Zeiss Microscope.	12	Computer	Latest compatible Dell Xenon base Computer with Quad Core Processor 64GB/128GB RAMS, Solid State PCIe (SSD). Computer should be pre integrated and shipped with Camera for better compatibility.	01
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Sd/-  
(Mukesh Kumar)  
Assistant Registrar (S&P)

## INSTRUCTIONS

1. Inquiry will be sent by UPC/Courier/Speed Post and IISER Mohali will not be liable for any kind of postal delay.
2. The Quotation should be addressed to the Director IISER Mohali invariably giving on the envelop reference number, last date & time of receipt of tender and date & time of opening of the tender.
3. One time importers from China with custom made specifications are highly discouraged.
4. The quantity mentioned in this inquiry is and shall be deemed to be only approximate and will not in any manner be binding on the Institute.
5. Firms will quote separately for each article.
6. The rates offered should be FOR Chandigarh/Mohali, in case of firms situated outside Chandigarh/Mohali, and free delivery at the Institute premises in case of local firms. Suppliers outside India may please mention the FOB/FCA price clearly.
7. In case of Ex-godown terms the amount of packaging forwarding freight etc. should clearly be indicated by percentage or lump sum amount. Institute has policy not to make any advance payment towards any purchase, Letter of credit can be opened if required.
8. In case of foreign consignment CIF/FOB should be mentioned clearly. THE INSTITUTE IS EXEMPTED FROM EXCISE AND CUSTOM DUTY.
9. SALES TAX: - This Institute is not exempted from the payment of Sales Tax/Service Tax/VAT. The current rate (i.e. percentage of Sales Tax should be clearly indicated included or excluded) wherever chargeable.
10. The delivery period should be strictly adhered, the firm have to execute the supply according to purchase order.
11. The firms are requested to give detailed description and specifications together with the detailed drawings, printed leaflets and literature of the Article quoted. The name of the manufactures and country of manufacture should also invariably be stated. In the absence of these particulars, the quotation is liable for rejection.
12. Validity of offer: 90 days.
13. Late or delayed quotation will not be accepted.
14. Service Facility: Please mention the nearest service center to IISER Mohali and the time required to attend the call.
15. The right to reject all or any of the quotation and to split up the requirements or relax any or all the above conditions without assigning any reason is reserved.
16. For any query, tenderers may contact via email : [stores@iisermohali.ac.in](mailto:stores@iisermohali.ac.in)