



IISER Mohali

भारतीय विज्ञान शिक्षा एवं अनुसंधान संस्थान मोहाली

मानव संसाधन एवं विकास मंत्रालय, भारत सरकार द्वारा स्थापित
सैक्टर 81, नॉलेज सिटी, प०ओ० मनोली, ए० ए० ए० 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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IISERM (598) 15/16 Pur.

Date: 05th October 2015

NOTICE INVITING QUOTATIONS

On behalf of The Director, IISER Mohali, sealed Quotations in **Two Bid System** (Technical & Financial) are invited for purchase of following item(s) along with EMD of Rs.35000/- in the form of DD/Bank Guarantee/Banker Cheque/FDR & Tender Fee of Rs.500/- (non-refundable) through Demand Draft/Banker's Cheque in favour of The Registrar, IISER Mohali payable at Chandigarh/Mohali, so as to reach us latest by 20th October 2015 before 1:00 p.m. The quotations will be opened on the same day at 4:00 p.m. in the presence of tenderers, if any.

Descriptions	Quantity
High Speed Camera: (as per specifications attached)	01

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

Specifications of High-Speed Camera :

Quotations are invited in two bid system for a high frame rate camera system with the below mentioned technical specifications. The technical and Financial bids must be submitted in separate envelops within the stipulated period. Only the financial bid of technically competent quote will be opened for further consideration.

I. A compact light-weight high speed camera system with completer electronics and software

1. Frame Rate performance should match at least the description below.

- 4,000 fps at 1,280 x 1,024 pixel resolution
- 10,000 fps at 896 x 488 pixel resolution
- 200,000 fps at 1,280 x 24 pixel resolution

2. Sensor must be COLOR: with ISO color sensitivity of 500 colors with 1,280 x 1,024 pixels, 10um pixel size, 12-bit ADC (Bayer system colour)

3. Driving electronics: Should be connected via high speed Gigabit Ethernet.

4. Memory: Camera should have at least **16 GB** memory with a capacity to record at least 8734 consecutive frames with the maximum resolution.

5. Mounting: The lens should be compatible with C-lens mounting system.

6. Triggering: The camera should be triggered with a laser pulse. It should have capacity to operate in burst-mode and repetitive mode.

7. Shutter: Global electronic shutter with variable speed up to 1 us.

8. Weight: Should be as light as possible (should be around 1.5 Kg).

9. Software Control: It should be possible to fully control the camera with a software. The software must be provided.

10. The installation and training must be provided.

The system should have at least one year warranty with a long term service support in India. The camera should have proven performance. The vendor should provide sufficient documents in this regard.