



# 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/CPMP/Website

IISER M(498)14/15 Pur.

Date : 19<sup>th</sup> February 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 12<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.	Description	Qty
01.	<b>Polarimeter</b> (Specifications attached)	<b>01</b>

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)

## Specifications:

S. No.	Description	Requirement
1.	Measuring Mode	Optical Rotation, Specific Rotation, Concentration, Sugar Degrees and any others
2.	Measuring Angular Scale	$\pm 89.9$ Deg Arc Optical Rotation
3.	Accuracy:	0.002 Deg Arc up to 10 Deg $\pm 0.004$ Deg from 10 deg to 89.9 deg Arc Optical Rotation.
4.	Resolution	0.001 deg Arc
5.	Reproducibility	0.002 deg Arc
6.	Prism	Best in the market with life time guarantee
7.	Temperature probe Range	10 to 100 °C
8.	Temperature probe Accuracy	$\pm 0.1$ °C
9.	Light Source	Tungsten Halogen Lamp for all wavelengths
10.	Wavelength	Minimum two fixed wavelengths (589 nm & 546 nm preferred) with an option to upgrade to other wavelengths (up to 5 fixed wavelengths) in future.
11.	Temperature control	Automatic Electric heating & cooling 15° to 40° with an accuracy of $\pm 0.2$ °C
12.	Sample cell	100 mm glass cell of 6ml volume, 10mm glass cell of 0.05ml volume
13.	Temperature validation cell	Temperature validation cell is required
14.	Calibration Standard	NIST standards
15.	Sample chamber	Be able to accept sample tubes upto 200mm
16.	Inbuilt computer	Preferred – System with built computer with dedicated storage space (>5 GB)
17.	Calibration	Automatic Calibration preferably via Touch screen
18.	Communication interface	Minimum 3 USB ports, Ethernet port for Network Connection and any additional features
19.	Installation & training	Installation, commissioning & training by trained service engineer should be offered free of cost.
20.	After sale service	Should be provided within 24 –48 hours when required by trained service engineer
21.	Warranty	1 Year warranty after installation & 1 Year AMC free after warranty period.
22.	Quote sample cells of different dimensions as optional (with and without temperature control) from 10 mm cell length till 100 mm cell length.	
23.	A vendor has to provide the list of renowned Indian Institutes/Universities/Industries where the machine has been installed and vendor must provide documentation related to installation. Models from firms providing local service and support will only be considered.	