



# भारतीय विज्ञान शिक्षा एवं अनुसंधान संस्थान मोहाली

मानव संसाधन एवं विकास मंत्रालय, भारत सरकार द्वारा स्थापित

सैक्टर 81, नॉलेज सिटी, प०ओ० मनोली, एस० ए० एस० 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 (609) 15/16 Pur.

Date: 07<sup>th</sup> December 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.20,000/- 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 29<sup>th</sup> December 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.

S. No.	Item	Qty.
1.	High power LED light sources that cover ultraviolet to visible spectral range including suitable power supply Wavelength (nm): 280, 300, 320, 340, 360, 400, 435, 450, 470, 490, 505, 535, 572, 590, 610, 650, 660, 680	1 each (18 Nos.)
2.	Power supply (Individual power supply for each LED or Ultra stable, Continuously variable power supply)  (Technical specifications attached)	18 each or 1 no.

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 Assistant Registrar (S & P) 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)

**Technical Specifications of high power LED light sources that cover the ultraviolet to visible spectral range:**

1. Current outputs: 2 to 20 mA
2. Voltage outputs: 3.V
3. Input Power: 85-264 V AC
4. The LEDs should come along with ready to use power supply. The power supply can be a fixed for individual LED or tunable to all LED's.
5. The LEDs should be able to connect to the power supply easily through a male-female type connection.
6. Each LED should have provision such as threaded end in order to accommodate an optical filter or quartz window that can be screwed.
7. A spare power supply in case of variable power supply should be quoted as an optional item.
8. Optional filters for UV-region LED's should be quoted separately.
9. Mounting clamps and stands should be quoted as optional items.
10. One year warranty should be given.
11. Installation and training for handling should be provided.
12. Power connections should be suitable for Indian power connections and all other necessary items should be provided. (240 V AC/50 Hz).
13. Company profile in India and related document on the market share of the company in India should be provided. Proof of authorization from the parent company to sell and services of the equipment in India must be supplied by the vendor.

**LEDs :**

Wavelengths (peak in nm)	280, 300, 320, 340, 360, 400, 435, 450, 470, 490, 505, 535, 572, 590, 610, 650, 660, 680 (Additional wavelengths particularly UV region LEDs should be quoted as optional)
Bandwidth (FWHM)	10-30nm (Short-pass filters should be available to cut bandwidth)
Intensities	Should be 50µW – 2.5mW depending on wavelength (High intensity is required)
Power Rating	60 mW
Connector	2 way plug connection
LED assembly	Should have proper housing that can be easily fixed or mounted using clamps
Lifetime	Should be equal to or above 5000 hours (for UV – LEDs), and 50000 hours (for Visible – LEDs)
Light Stability	± 1mAu
Power Supply	Individual power supply for each LED or Ultra stable, Continuously variable power supply