भारतीय विज्ञान शिक्षा एवं अनुसंधान संस्थान मोहाली

मानव संसाधन एवं विकास मंत्रालय, भारत सरकार द्वारा स्थापित
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20th May 2015

TENDER NOTICE

On the behalf of Director, IISER-Mohali, sealed tenders in **TWO BID SYSTEM** are invited, for supply and installation of One AOPDF pulse-shaper, along with EMD money by DD /Banker Cheque/ FDR/ Bank guarantee for Rs 1,50,000.00 in favour of the Registrar, IISER Mohali, so as to reach us latest by 11th June 2015 before 1 pm and opened on the same day at 4pm.

-sd-
Assistant Registrar (S&P)

One AOPDF pulse-shaper

Technical specifications:

1) Driver & software to rum each hardware component should be provided and laptop/PC with monitor has to be included. The instrument has to be completely programmable and drivers & (LabVIEW) source code must be accessed and modified as per experimental requirement.

2) It should be able to perform laser pulse shaping spectral phase and/or amplitude (in combination with a polarizer).

3) The input laser wavelength range has to be ~500nm to ~950nm; some spectral sensitivity in the range below ~500nm (down to ~450nm) and above ~950nm (up to ~1000nm) is preferred.

4) The instantaneous bandwidth must be ~450nm.

5) Spectral resolution must be 0.2nm (or better) ~550nm.

6) Intensity control dynamic range should be more than 45dB.

6) Maximum programmable delay should be 5ps (or more) at ~550nm.

7) The diffraction efficiency should be 50% (or better) for a ~50nm bandwidth input at 1kHz.

8) The acoustic refresh rate should be compatible with wave-form scanning at 1kHz (additional electronics must be provided by the vendor).

9) Maximum input pulse energy should be ~25uJ for a 2.5mm beam-diameter.

10) A delay/synchronization unit must be provided to trigger a visible spectrometer for collecting spectra at 1KHz.

12) Additional optics (SHG crystals, convex lens/concave mirror, etc) and a spectrometer should be provided for free-space pulse characterization by phase modulation (e.g., chirp-scan).

13) A compact foot-print is preferred.

14) Detailed list of users with contact details (not more than 10 users) of this instruments must be provided.

INSTRUCTIONS

1. The Quotation should be addressed to the Director IISER Mohali invariably giving on the envelop Reference No. with date and Due date with time.

2. One time importers from China with custom made specifications are highly discouraged.

3. 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.

4. 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. Supply outside India please mention the FOB/FCA price clearly.

5. 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.

6. In case of foreign consignment CIF/FOB/FCA/CIP should be mentioned clearly. THE INSTITUTE IS EXEMPTED FROM EXCISE AND CUSTOM DUTY.

7. 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.

8. The delivery period should be specifically stated. Earlier delivery will be preferred.

9. 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.

10. Validity of offer: 90 days. Firm should replace all manufacturing defect parts/ whole under warranty period without any extra cost including clearance, freight, taxes. Security deposit/ Bank Performance guarantee for 10 % of the value of supply order as per norms may be sought from firms.

11. Late or delayed quotation will not be accepted.

12. Service Facility: Please mention the nearest service centre to IISER Mohali and the time required to attend the call.

13. 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.