Tender Notification for the procurement of **one Helium-Cadmium Laser** (Last Date for submission of tenders: 5 October 2018)

Send your best quotation for the following item on C.I.P. Bangalore basis. IISc will help with customs clearance at Bangalore Airport. Please include your payment option.

1) Your quotation should clearly indicate the terms of delivery, delivery schedule, E.D., payment terms etc.
2) The tender should be submitted in **two separate sealed envelopes** - one containing the technical bid and the other containing the commercial bid, both of which should reach us, duly signed on or before 1700 hours 5th October 2018.
3) Address the quote and send to:
   Prof. Ambarish Ghosh
   Centre for Nano Science and Engineering
   Indian Institute of Science, Bangalore 560012
4) Please enclose a **compliance certificate** along with the technical bid. This certificate should have a table that should describe your compliance in a "Yes" or "No" response against each of the items in the table listed in this RFQ. If "No" the second column should state the extent of deviation. The "third" column should state the reasons for the deviation if any. The fourth column can be used to compare your tool with that of your competitors or provide details as requested in the technical requirements table below.
5) Vendors are encouraged to highlight the advantages of their tools over comparable tools from the competitors.

Yours Sincerely,

Chairperson
Centre for Nano Science and Engineering

Direct all questions concerning this tender to Prof. Ambarish Ghosh (email: ambarish@iisc.ac.in). Do not contact through phone.

Specifications of the product – 1 Number of Helium Cadmium Laser with the following components and minimum specification:

1. Wavelength (nm) 325
2. Power (mW) 30
3. Must be single mode
4. Transverse Mode TEM00
5. Polarization: Linear Polarization Ratio > 500:1
6. Noise, P-P @30kHz～2MHz (**%**) < 15
7. Beam Diameter 1/e2 (mm) < 1.25
8. Beam Divergence (mrad) < 0.5
9. Beam Pointing Stability (µrad) (At 25℃ constant temperature) ≦ ±30
10. Warm Up Time (90**%** power) (minutes) 20
11. Power Stability (%) (At 25℃ constant temperature) ≦ ±2.0 (4 hours)
12. Power Stability (10～40℃) (**%**) < 20

13. Please specify warranty details. Minimum 2500 hours from date of installation and 70% of specified power for 12 months from date of installation.
14. Maintenance details needs to be specified with accurate schedule.
15. Specify which part of the maintenance will be done at the user cite and which part at the vendor cite. The cost of the scheduled maintenance should be specified as an "optional" cost in the commercial bid.
16. Please list a set of acceptance tests for on-site (vendor) inspection and after installation at IISc.

Terms and conditions:

1. The vendor should have a track record of having previously supplied at least three similar equipment in India (please furnish the contact details of the customers).
2. The vendor should have qualified technical service personnel for the equipment based in India (preferably in Bangalore). Specify the location of service personnel.
3. The clauses of onsite installation and training needs to be specified clearly, and ideally provided free of cost.
4. The quotation will be in foreign currency.
5. The payment will be through confirmed irrevocable Letter of Credit.
6. Alternate modes of payment can be suggested with suitable justification.
7. Basic tool kit for installation of the system should be provided free cost.
8. The lead time for the delivery of the equipment should not be more than three months from the date of receipt of our purchase order.
9. The instrument must carry a comprehensive warranty of 18 months from the date of installation, or 24 months from day of receipt by the vendor, whichever one is earlier. Please provide ample justification if this is not possible.

Prof. Ambarish Ghosh
Associate Professor
Centre for Nano Science and Engineering
Indian Institute of Science
Bangalore - 560012, India