

Office of the Dean of Research and Consultancy
Indian Institute of Engineering Science and Technology (IEST), Shibpur
P.O. Botanic Garden, Howrah-711 103, West Bengal, India

Project Code: DRC/SERB-DST/CHEM/UB/003/20-21

Department of Chemistry
Indian Institute of Engineering Science and Technology, Shibpur,
Howrah-711 103

Ref.: Tender Advt. No. CH 1701, dated 15.09.2021

RE-TENDER of
Tender Advt. No. CH 1696, dated 30.08.2021

Notice Inviting Quotations

Sealed quotations are invited for the supply of *Diode Laser (in wavelength range 630-800 nm)* as per the following technical specification. The relevant bidding document can be downloaded from the website. Last date of submission of sealed quotation is 07 working days from the date of publication by 5.00 p.m.

Dean (R & C)

(A. Code DRC-T026/21-22)

This is downloadable

**INDIAN INSTITUTE OF ENGINEERING SCIENCE AND
TECHNOLOGY, SHIBPUR**



BIDDING DOCUMENT

(Project Code: DRC/SERB-DST/CHEM/UB/003/20-21)

For Supply of

Diode Laser (in wavelength range 630-800 nm)

Under

**SERB-DST Project
Govt. of India New Delhi**

Department of Chemistry

September 15, 2021

**SECTION I: TERMS & CONDITIONS AND IMPORTANT INSTRUCTIONS
FOR BIDDERS**

1. Bidders are to invited to submit sealed quotation as per the technical specifications for tendered item to Dr. Ujjal Bhattacharjee, Assistant Professor, Department of Chemistry, **on 07 working days from the date of publication** between **10.30 a.m. to 5.00 p.m.** except Saturday, Sunday and other public holidays.
2. The last date of receipt of tenders is **07 working days from the date of publication up to 5.00 p.m.** quotations received later will not be entertained under any circumstances.
3. Date and time of opening of bid is **next working day at 11.00 a.m.** and the place of opening of bid is office Room of the Department of Chemistry, IEST, Shibpur, Howrah-711103.
4. Bidders are to submit the quotations in Sealed Cover to the Department of Chemistry in the following address:

**Dr. Ujjal Bhattacharjee
Assistant Professor
Department of Chemistry
IEST, Shibpur
Howrah-711103, India**

5. All bids should be submitted in TWO-BID Format (One TECHNICAL AND one FINANCIAL BID) in two separate closed envelopes (Enquiry Number must be mentioned on both covers).

TECHNICAL BID- - giving Detailed Specifications with the Compliance certificate in original (format attached), Catalogue sheet/Data-sheet, warranty undertaking, Terms & Conditions in Original duly signed by the Proprietor / Partner/ Director of the Company for the

- (a) Tendered item.
- (b) Essential Accessories & Spares.

FINANCIAL BID

Giving detailed specifications along with PRICE BID - giving full Prices in Indian Rupees (only) for

- (a) Tendered item.
- (b) Essential Accessories & Spares.

6. The price quoted should be inclusive of all Taxes, duties and levies. Inclusion of Tax/Levy or any shipping or Freight charge at a later stage will not be accepted.
7. SELECTION WILL BE MADE PURELY ON ESSENTIAL TECHNICAL DOCUMENTS. The IESTS authority will evaluate and compare the qualifying quotations (the gross amount i.e. inclusive of all taxes, other charges etc.) determined to be substantially responsive i.e. which- (a) meet the qualification

criteria specified in the tender, (b) Are properly signed, and (C) Conform to the terms and conditions, specifications without deviations.

8. The materials are to be supplied at a place within IEST Shibpur premises between 11.00 a.m. and 4.00 p.m. The tenderer will be responsible for any breakage, damage or defect in the equipment detected subsequently. The supply and installation of the equipment should be completed within a period not exceeding **10 weeks** from the placement of the formal work order or opening of the LC failing which appropriate action will be taken as per university rules.
9. If the supply is not completed within the stipulated period as indicated in the Work Order, a Liquidated Damage @ $\frac{1}{2}$ per cent per week will be imposed subject to maximum of 5% of the value of work order.
10. For Indian purchase (*This clause is applicable only for Indian purchase and not applicable for foreign purchase*):

Bills in triplicate should be presented for payment within 15 days of Supply / Completion of work. No Advance Payment can be made. All bills are to be accompanied by Order copies and Challan Receipt. The Order Number is to be noted on both the Challan and the Bill.

10. **Bidder shall furnish an undertaking for providing Comprehensive onsite warranty for any manufacturing defect for a period of one year against the laser head and controller (if separate) from the date of supply/installation on their letterhead, failing which, their offer will not be considered.**

11. Documents to be submitted with the technical bid of the tender failing to which the bid may be automatically disqualified:

- Tender Documents/Terms & Conditions in Original duly signed by the Proprietor / Partner/ Director of the Company as a token of acceptance of Terms & Conditions of Tender.
- A Compliance certificate (format provided) for technical specifications in Original duly signed by the Proprietor / Partner/ Director of the Company along with catalogue sheet/ data-sheet with specification.
- Warranty undertaking as stated before.

12. IEST, Shibpur, Howrah reserves the right to accept / reject all or any of the tenders without assigning any reason whatsoever.

13. Vendor may provide a list of institutes where they have installed similar equipment, at least 5 in last five years for additional credential.

We accept the above terms and conditions.

Dated:

Signature of Bidders/Suppliers
With date & Seal

SECTION II: TECHNICAL SPECIFICATIONS

1. Laser wavelength: 785 nm.
2. Fixed output CW power: 30 mW or higher.
3. Output power stability <5% or better.
4. Laser should be mounted on a standard breadboard with minimum dimension 200x400 mm.
5. Mounting fitting should contain minimum of the following items: 12-mm posts (10 nos.), post holder (6 Nos.) and Pedestal fork (5 Nos.)
6. Optical accessories must contain minimum of the following items: 25-mm silver mirrors with kinematic mount (2 Nos), 25 mm Bi-Convex lenses (1 Nos. 25mm focal length and 1 Nos. 150 mm focal length) with 3 nos. of rigid lens mounts and 1 Nos. mounted reflective ND filter with OD 4.0
7. With all necessary power chords and adapters (if needed) for power supply to all the units.
8. 1 year warranty on the laser head and the controller (if separate).

Format for compliance certificate (to be produced in vendor's letter head):

Specifications	Yes	No
1. Laser wavelength: 785 nm.		
2. Fixed output CW power: 30 mW or higher.		
3. Output power stability <5% or better.		
4. Laser should be mounted on a standard breadboard with minimum dimension 200x400 mm.		
5. Mounting fitting should contain minimum of the following items: 12-mm posts (10 nos.), post holder (6 Nos.) and Pedestal fork (5 Nos.)		
6. Optical accessories must contain minimum of the following items: 25-mm silver mirrors with kinematic mount (2 Nos), 25 mm Bi-Convex lenses (1 Nos. 25mm focal length and 1 Nos. 150 mm focal length) with 3 nos. of rigid lens mounts and 1 Nos. mounted reflective ND filter with OD 4.0		
7. With all necessary power chords and adapters (if needed) for power supply to all the units.		
8. 1 year warranty on the laser head and the controller (if separate).		

We certify that all the specification as described above are true and we understand that failing to ensure the commitment will lead to action as deemed fit by IEST Shibpur.

Date :

Signature of Bidders/Suppliers
With date & Seal