

**DEPARTMENT OF PHYSICS
PANJAB UNIVERSITY, CHANDIGARH**

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**TENDER DOCUMENT FOR THE PURCHASE OF
Electronic Modules - Power Supply**

TENDER NOTICE NO. : PHS/3883 dated 20.12.2019

LAST DATE FOR RECEIPT OF TENDER: 05-02-2020 4:00 P.M.

DATE & TIME OF OPENING TECHNICAL BID : 06-02-2020 3:00 P.M.

SECTION – I

PROCEDURE FOR SUBMISSION OF BIDS

1. There will be **Two bid system** for this Tender: *Techno-Commercial bid* and *Financial bid*
2. Tender fee of Rs.1000/- is to be submitted along with the Tender in the form of demand draft of Rs.1000/- payable at Chandigarh in favour of 'The Registrar, Panjab University' Chandigarh.
3. **The two documents viz., Techno-Commercial bid and Financial bid covers prepared as above should be uploaded electronically on website <https://etenders.chd.nic.in/nicgep/app>**

Tender for the supply of:

Electronic Modules - Power Supply

(For specifications see page 9)

Due on 05-02-2020 4:00 P.M. (last date for submission).

Name & Address of the Tenderer: Chairperson, Department of Physics,
Panjab University, Chandigarh - 160014

Note: Price should not be indicated in the Techno-Commercial bid otherwise the Tender will be rejected

4. Tenders received after the due date will not be accepted. If the last date for submission of Tender falls on any declared holiday in the University, the next working day will be considered as the last date for the same.
5. The bids prepared by the Tenderer and all correspondence and documents relating to the bids, shall be written in English language.
6. The contract for the supply of the items is non-transferable.
7. Each offer should be complete in all respects.
8. Telegraphic/electronic/conditional offers will not be accepted.
9. The bidder is advised to quote the rates against the specifications given in the BoQ only.

SECTION – II

TERMS AND CONDITIONS

1. **Opening of bids:** Techno-Commercial bids will be opened by the Committee after the closing date and studied. The Tenderers will be invited for presentation and clarifications if needed. Financial bids of the Tenderers complying with the prescribed Techno-commercial specifications will be opened by the Committee. Tenderers or their authorized agents may be present if they so desire during opening of the Tenders.
2. **Rejection of bids:** The Committee reserves the right to reject any or all offers without assigning any reason.
3. **EMD:** The Tender bid should accompany EMD Rs. 20,000/-(INR). The EMD should be made by means of an A/c payee DD in favour of the Chairperson, *Panjab University, Chandigarh-160014* payable at Chandigarh. No interest is payable on EMD.
4. **Refund of EMD:** The EMD will be returned to unsuccessful Tenderer only after the Tenders are finalized. In case of successful Tenderer, it will be retained till the successful and complete installation of the equipment.
5. **CIF value and comparison of Financial bids:** CIF value up to Department of Physics, Panjab University, Chandigarh (*shipment by air upto Delhi and insured up to the installation site*) should be quoted and will be considered for comparison of bids. Bids quoted in foreign currency will be converted into Indian Currency at the exchange rate applicable on the day of opening of the financial bids for comparison purposes. In terms of the Government of India Notification No.47/2017-Integrated Tax (Rate) dated 14th November, 2017, the applicable Integrated Tax (Rate) under GST Act-2017 on goods procured for Scientific and Research purposes shall be 5%. Where ever applicable, this clause shall be taken into consideration.
6. **Warranty Period:** The warranty period should be *minimum 1 year (with spares)* from the date of installation with satisfactory performance as per specifications. Cost of extended warranty per year should be quoted for the next 3 years as optional item in the financial bid. The up time of instrument during warranty should not be less than 90% in one year. In case the fault persists for more than one week then Department has right to impose penalty. Further the period of warranty will be extended by the vendor accordingly.
7. **Terms of Payment:** LC will be opened for the 100% value of the equipment, 90% of the amount will be released after the shipment and remaining 10% after the installation of the equipment.
8. **Delivery period :** Delivery should be made within *120 days* of opening of the LC
9. **Delayed delivery:** If the delivery is not made within the due date for any reason, the Committee will have the right to impose penalty as under:
 - i First extension for one month or part thereof @ 2%.

10. **Non delivery beyond extended period:** If the Tenderer fails to execute the order within the second extension mentioned above or mutually agreed time frame, the order will be cancelled and EMD forfeited by the Department of Physics. He will also be liable for all damages imposed by the Department of Physics for non supply of equipment including the liability to pay the difference between the price accepted by him and those ultimately paid by the Department of Physics for the equipment, Such damages will be assessed by the Committee for the purchase of Electronic Modules - power supply.
11. Increased statutory levies and duties above the rate quoted in the offer will not be an excuse for the Tenderer to delay the supply beyond the date specified in the Tender.
12. **Validity of rates:** Rates quoted should be valid for at least *3 months* from the closing date of the tenders.
13. **Consistent pricing:** The rates quoted for the Equipments by the supplier shall in no case exceed the lowest price at which the supplier of this Equipments of identical description made to any other person/organization/Institution during the above said period and should attach an undertaking in this regard
14. **Installation requirements:** The Supplier will clearly mention installation requirements on our part in the *Techno-Commercial bid*.
15. **Installation time:** The Company must install the equipment *within a period of one month* of the date of delivery of the equipment at Department of Physics. Chandigarh.
16. **Free Installation:** The equipment and software should be installed and tested to the specifications *free of cost*.
17. **Supporting Equipment:** The Tenderer will provide all requisite supporting equipments if *needed*.
18. **Factory Acceptance Data:** Proposed acceptance criteria for the equipment should be provided by the supplier. In order to compare the performance against the quoted specifications. *Manufacturer's test certificate along with test conditions and results* is to be supplied along with the equipment.
19. Tenderers are advised to study all technical aspects and terms & Conditions, of the Tender documents. Submission of Tender shall be deemed to have been done after careful study and examination of the Tender Document with understanding of its implications.

20. **Only Manufacturers or Authorized dealers to bid:** The offering firm should clearly mention whether they are the manufacturer or authorized agent/dealer of the manufacturer. In case of agent for overseas manufacturer, a letter of authorization from the manufacturer should be submitted along with the offer. The Tenderer can also enclose the rates on the letterhead of the manufacturer if he has been authorized to do so by the manufacturer.
21. **Descriptive literature:** The printed literature and catalogue/brochure giving full technical details should be included with the technical bid to verify the specifications quoted in the tender. The bidders should submit copies of suitable documents in support of their reputation, credentials and past performance in .pdf format.
22. **User and Service Manuals:** A set of User's manuals and Service manuals of the main instrument, attachments and related equipment should be supplied with the equipment
23. **Equipment must be new:** The Tenderer must ensure that the equipment being offered is a new one and not refurbished or repaired one.
24. **Defective Equipment:** If any of the equipment supplied by the Tenderer is found to be substandard, refurbished, unmerchantable or not in accordance with the description /specification or otherwise faulty, the committee will have the right to reject the equipment or its part. The prices of such equipment shall be refunded by the Tenderer with 18% interest if such payments for such equipment have already been made to him.
25. All damaged or unapproved goods shall be returned at suppliers cost and risk and the incidental expenses incurred thereon shall be recovered from the supplier. Defective part in equipment, if found before installation and/or during warranty period, shall be replaced within 45 days on receipt of the intimation from this office at the cost and risk of supplier including all other charges.
26. **Furnishing of wrong/ambiguous information in the compliance statement may lead to rejection of bid and further black listing of the bidder, if prima-facie it appears that the information in the compliance statement was given with a malafide/fraudulent intent.**
27. **Damage during transit:** In case of any mishappening/damage to equipment and supplies during the carriage of supplies from the origin of equipment to the installation site, the supplier has to replace it with new equipment/supplies immediately at his own risk. Supplier will settle his claim with the insurance company as per his convenience. The SAIF will not be liable to any type of losses in any form.
28. **Legal jurisdiction:** Any dispute in this regard of any term of the offer and on the supply of equipment is subject to *Chandigarh jurisdiction* only.

29. **Training:** Training should be provided free of charge at the premises of the Department.
30. **Availability of Spares:** The Tenderer must assure the availability of spares for servicing of equipment *for at least 5 years*. Supplier should give an undertaking that spares parts will be supplied within the specified periods as and when ordered.
31. **Infrastructure:** Department will provide required air conditioned space, *single phase power supply* with required electricity outlets.
32. **Clearance:** The Principals will do all types of clearance work to deliver the equipment at the site of installation. Department will provide all types of documentary support including Customs Duty Clearance. Principals will themselves have to procure any requisite permission from the Govt. of country of origin of equipment.
33. **Bank Charges:** Bank charges in India will be borne by the Panjab University and Bank charges abroad will be borne by the suppliers.
34. **Similar Models installed:** The Tenderer must mention in the *Techno-Commercial bid* the similar model of equipment installed in India and abroad *during the last two years* and the *addresses of contact persons at these places*.
35. **Application Specialist:** The Tenderer should mention in the *Techno-Commercial bid* the availability and *names of Application Specialist and Service Engineers* in the nearest regional office.
36. **Response Time:** The Tenderer should mention in the *Techno-Commercial bid* the response time for attending to a complaint about the equipment.
37. **Change of Indian Representatives:** The original manufacturer/Principals should give an undertaking that the aforementioned warranty and availability of spares clauses will be valid even in the case of change of their representatives in India.
38. **Certificate:** Tenderer should certify that the laser has narrow spectral bandwidth and is suitable for use as an excitation source in Raman spectroscopy. Supply relevant technical manual/information with technical bid as proof.

BID PARTICULARS

1. Name of the Supplier :

2. Address of the Supplier :

3. Availability of demonstration of equipment : Yes / No

4. Tender cost enclosed: : Yes/No if yes

D.D. No. _____ Bank _____ Amount _____

5. EMD enclosed : Yes / No if Yes

D.D. No. _____ Bank _____

6. Name and address of the Officer/contact person to whom all references shall be made regarding this tender enquiry.

Name :

Address :

Telephone No. :

Fax No. :

Mobile No :

e-Mail :

Web :

< Organization Letter Head >>

DECLARATION SHEET

We, _____ hereby certify that all the Information and data furnished by our organization with regard to this tender specification are true and complete to the best of our knowledge. I have gone through the specification, conditions and stipulations in details and agree to comply with the requirements and intent of specification. This is certified that our organization has been authorized (Copy attached) by the OEM to participate in Tender. We further certified that our organization meets all the conditions of eligibility criteria laid down in this tender document. Moreover, OEM has agreed to support on regular basis with technology / product updates and extend support for the warranty.

We, further specifically certify that our organization has not been Black Listed/De Listed or put to any Holiday by any Institutional Agency/ Govt. Department/ Public Sector Undertaking in the last three years.	NAME & ADDRESS OF THE Vendor/ Manufacturer / Agent
1 Phone	
2 Fax	
3 E - mail	
4 Contact Person Name	
5 Mobile Number	
6 TIN/GST Number	
7 PAN Number	
8 Kindly provide bank details of the bidder in the following format:	
a) Name of the Bank	
b) Account Number	
c) Kindly attach scanned copy of one Cheque book page to enable us to return the EMD to unsuccessful bidder	

Specifications for Electronics Modules – Power Supply

1. Regulated DC Power Supply:

Expected number of units to be procured = 02

1. Output Voltage: ~ 0 - 35V
2. Output Current: ~ 0 - 35A or higher
3. Polarity: Negative/Positive both
4. Input Voltage : 100- 240 VAC, 50 Hz Single phase
5. Voltage Regulation:
 - (i) For Input : 0.05 % of maximum output (to ± 10 % of AC change)
 - (ii) For Load : 0.1 % of maximum output (to 10 % - 100 % of load change)
6. Current Regulation:
 - (i) For Input : 0.05 % of maximum output (to ± 10 of AC change)
 - (ii) For Load : 0.1 % of maximum output (to 10 % to 100 % of load change)
7. Stability : 0.05 % /8H of maximum output voltage

2. Regulated DC Power Supply:

Expected number of units to be procured = 04

1. Output Voltage: ~ 0-350 V
2. Output Current: ~ 3A
3. Polarity: Negative/Positive both
4. Input Voltage: 100- 240 VAC, 50 Hz Single Phase
5. Voltage Regulation:
 - (i) For Input : 0.05 % of maximum output (to ± 10 % of AC change)
 - (ii) For Load : 0.1 % of maximum output (to 10 % to 100 % of load change)
6. Current Regulation:
 - (i) For Input : 0.05 % of maximum output (to ± 10 of AC change)
 - (ii) For Load : 0.1 % of maximum output (to 10 % to 100 % of load change)
7. Stability : 0.05 % /8H of maximum output

Optional:

1.	Extended warranty per year for next two years
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