



NATIONAL INSTITUTE OF TECHNOLOGY SIKKIM

Ravangla Campus, Ravangla Sub Division, South Sikkim-737139

NIQ No: 12/ NITS/basic Sci/Dept. of Physics/16-17/01

Date: 21/ 09/2017

Notice Inviting Quotation (NIQ) for GoniometerBased Apparatus for Diffraction Experiments

NIQ SUMMARY	
Closing Date & Time for submission of bid	4:00 pm, 04/10/2017
Opening Date	4:00 pm, 05/10/2017
Bid should be addressed to	Head of the Department of Physics National Institute of Technology Sikkim, Ravangla Campus South Sikkim – 737 139
Earnest Money Deposit (EMD) Non-interest bearing	Rs. 7500/- (Rupees Seven Thousand Five Hundred) in the form of a Demand Draft drawn in favour of “DIRECTOR, NIT Sikkim” payable at Ravangla, South Sikkim
Place of Execution of Work	Department of Physics, National Institute of Technology Sikkim, Ravangla Campus, South Sikkim, 737139

National Institute of Technology Sikkim, invites tender for the design and equipment of Goniometer Based Apparatus for Diffraction Experiments, as per specifications given in the Annexure I attached to the NIQ form. More than one instrument may be purchased depending upon the requirement of the department. All offers should be made in English and should be written in both figures and words. NIQ forms can be downloaded from the website (www.nitsikkim.ac.in) of the Institute. The bidders are requested to read the NIQ document carefully and ensure compliance with all specifications/instructions herein. Non-compliance with specifications/instructions in this document may disqualify the bidders from the tender exercise. The Director, NIT Sikkim, Sikkim reserves the right to select the item (in single or multiple units) or to reject any quotation wholly or partly without assigning any reason. Incomplete tenders, amendments and additions to tender after opening or late tenders are liable to be ignored and rejected.

Terms & Conditions

1. The prices quoted should be inclusive of all taxes or duties, packing, forwarding, freight, insurance, delivery, etc. at destination site (NIT Sikkim, Ravangla, South Sikkim 737139).



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2. The invoices must be printed with GST No.
3. Vendor has to submit the signed copy of the following documents:
 - a) GST Registration Number.
 - b) Valid trade license issued by local authority authorizing the vendor to bid in the category of goods for which bid has been submitted.
 - c) Valid firm/company registration certificate.
 - d) PAN No. of the firm or proprietor
4. Each individual sealed envelope as well as the outer envelope should be marked with the following reference on the top left hand corner: “**12 / NITS/basic Sci/Dept. of Physics/16-17/01**”.
5. The rates should be quoted in figures (typed or printed) and cutting should be avoided. The final amount should be in figures as well as in words. If there are cuttings, they should be duly initialed, failing which the bids are liable to be rejected.
6. While sending rates, the firm shall give an undertaking to the effect that “*the terms/conditions mentioned in the enquiry letter/Tender Notice against which the rates are being given are acceptable to the firm.*” In case the firms do not give this undertaking, their rates will not be considered.
7. All tender documents should have to be sent through speed post or registered post only. All tender documents received after the specified date and time shall not be considered.

The postal address for submitting the tenders is:
Head of the Department (In-charge)
Department of Physics
National Institute of Technology Sikkim, Ravangla Campus,
South Sikkim – 737 139
8. In the event of any dispute or difference(s) between the vendors Institute (NIT Sikkim) and the vendor(s) arising out of non-supply of material or supplies not found according to specifications or any other cause whatsoever relating to the supply or purchase order before or after the supply has been executed, shall be referred to “The Director, NIT Sikkim”, Sikkim who may decide the matter himself or may appoint arbitrator(s) under the arbitration and conciliation Act, 1996. The decision of the arbitrator shall be final and binding on both the parties.
11. The place of arbitration and the language to be used in arbitral proceedings shall be decided by the arbitrator.
12. All disputes shall be subject to Sikkim Jurisdiction only.
13. All tenders in which any of the prescribed conditions is not fulfilled or any condition is put forth by the tenderer shall be summarily rejected.



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14. **Clarifications:** In case the bidders require any clarification regarding the tender documents, they are requested to contact Mr. Happy Mondal (contact details: 9733919606) on or before 02/10/2017.

15. **Earnest Money Deposit (EMD):** A refundable amount of ₹7500/- (Rupees Seven Thousand Five Hundred Only) **earnest money deposit (EMD)** in the form of DD from a scheduled bank in India (valid for a minimum period of 3 months from the date of submission of tender) should accompany the bid documents. The DD drawn in favour of “The Director, NIT Sikkim” payable at Ravangla should accompany the bid documents. The EMD should be kept in a separate sealed envelope, should be marked clearly and put in the outer envelope that contains the technical and financial bid envelopes. The bidders should enclose a *cancelled cheque* for the EMD to enable us to return the EMD of unsuccessful bidders. Failure to deposit Earnest Money will lead to rejection of tender. The bidders should submit separate EMD. In the event of the awardee bidder backing out, EMD of that bidder will be forfeited.

16. Pre – Qualification Criteria:

(a) Bidders must be the manufacturer / authorized dealer. Letter of Authorization from original equipment manufacturer (OEM) on the same and specific to the tender should be enclosed.

(b) The Vendors who have earlier supplied the equipment to any of the NITs, IITs, IISc, IISERs, Universities and other Scientific Institute of National Repute may tender. The details of such institutions and the contact information of the competent authority should be provided in the prescribed format (at least three).

Name of the Institute	Name of the person	Contact number	Email
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(c) An undertaking from the OEM is required stating that they would facilitate the bidder on a regular basis with technology/product updates and extend support for the warranty as well.

(d) Non-compliance of tender terms, non-submission of required documents, lack of clarity of the specifications, contradiction between bidder specification and supporting documents etc. may lead to rejection of the bid.

(e) 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.

17. The Prices quoted should be inclusive of all taxes or duties, packing, forwarding, freight, insurance, delivery and commissioning etc. at destination site (NIT Sikkim, Ravangla, South Sikkim 737139). In the price bid/financial bid, the vendor should clearly mention in the final price breakup for each item such as equipments, flooring, room decoration etc.

18. The bid should be valid for acceptance up to a period of 180 Days. The Bidders should be ready to extend the validity, if required without any additional financial implications.



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19. **Liquidity Damage:** The laboratory facility should be ready within maximum forty five (45) days of the issue of the purchase / work order. If the bidder fails to complete the construction rate within the specified time period, penalty of maximum 10% of total order value will be deducted.

Penalty clauses:

- a. 1% of the total bill amount up to 15 days of delay.
- b. 2% of the total bill amount up to next 30 days of delay.
- c. 5% of the total bill amount up to next 60 days of delay.
- d. 10 % of the total bill amount up to or more than three month of delay.

20. Bidders must give the comprehensive on-site warranty as required from the date of successful installation of Equipment against any manufacturing defects and also give the warranty declaration that *“everything to be supplied by us hereunder shall be free from all defects and faults in material, workmanship and shall be of the highest quality and material of the type ordered, shall be in full conformity with the specification and shall be complete enough to carry out the experiments, as specified in the tender document”*. Any deviation in the material, and the specifications from the accepted terms may liable to be rejected and the bidders need to supply all the goods in the specified form to the satisfaction / specifications specified in the order / contract and demonstrate at their own cost.

21. Full payment will be given to the vendor only after the completion of the laboratory facility, and inspection report submitted by the concerned committee members. This must be specified in the tender/quotation.

22. The NIT Sikkim reserves the right to cancel the tender at any stage (point of time) without assigning any reason.

23. The earnest money of unsuccessful bidders will be returned to them without any interest within 30 working days after awarding the contract. The earnest money of the successful bidder will be returned to them without any interest within 30 Days after supply of material.

24. All the manuals necessary for operating and servicing the equipment (including details of electronic circuits) will have to be provided along with the instrument.

25. Bidders should go through the tender terms, conditions and specifications carefully and fill in the attached compliance statement accurately and unambiguously. They should ensure that all the required documents are furnished along with the bid.



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Annexure I – Technical Specifications

Serial No.	Items name	Description of the items	Quantity
1	Goniometer	<ul style="list-style-type: none">➤ Telescope Magnification:10 X➤ Collimating Lens Focal length:202 mm➤ Collimating Lens Diameter:50 mm➤ Resolution of stage:1 arc min➤ Variable slit : Micrometer controlled, continuously variable 0 - 3mm➤ Resolution of prism table: 10 arc min	1 no
2	Optical Rail	<ul style="list-style-type: none">➤ Length:500 mm➤ Material: Black anodized Aluminum alloy	1 no
3	Slit with mount	<ul style="list-style-type: none">➤ Controlling: Lead screw➤ Slit Size:0 - 3mm	1 no
4	Collimating lens with mount	<ul style="list-style-type: none">➤ Focal length:202 mm➤ Diameter: 50 mm	1 no
5	Telescope	<ul style="list-style-type: none">➤ Magnification: 10 X	1 no
6	Cell Mount	<ul style="list-style-type: none">➤ Material: Black anodized Aluminum alloy➤ Diameter:30 mm	1 no
7	Diffraction Cells	<ul style="list-style-type: none">➤ Single slit: 50 & 100 micron➤ Double slit:100 & 200 micron➤ Transmission grating:30 lines / mm➤ Cross wire mesh Pinhole Quantity: 1 set.	1 set
8	High Bright LED with power supply	<ul style="list-style-type: none">➤ Output Power: 0 - 1 Watt Variable➤ Wavelength: 535 nm	1 no
9	Accessories	<ul style="list-style-type: none">➤ User Manual➤ Allen Key	NA

Conditions:

1. Electric connection will be provided by the institution
2. Work must be completed within 45 days after receiving order.

NIQ Issued by
Head of the Department of Physics (In-charge)
National Institute of Technology Sikkim



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Bidder Details

Firm and bank details (attached with Technical bid)

Sl. No.	Particulars	Information
1	Name of the Firm	
2	Complete Postal Address with Tel. No., Fax/Email	
3	Date of Establishment: Professional Experience (in years)	
4	Registration details with concern authority	
5	Name of the contact person Mobile no (Office) Mobile no (Home) e-mail Id	
6	GST Registration No (please enclose a copy of GST Registration).	
7	Please enclose a cancelled cheque and copy of PAN card. Cancelled cheque & PAN card is to be submitted only once	
8	Firm (Beneficiary) Name	
9	Complete Bank Account No. of the Firm [beneficiary]. [In case of change in bank account vendor should write to Account Office]	
10	Bank Name	
11	Bank Address	
12	IFS Code no	

We undertake that all information provided above is correct and NIT Sikkim will not be responsible in case of any error on the part of firm.

Sign and Seal with of bidder



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Financial Bid

Serial No.	Items name	Quantity	Cost	Tax	Total cost
1	Goniometer	1 no			
2	Optical Rail	1 no			
3	Slit with mount	1 no			
4	Collimating lens with mount	1 no			
5	Telescope	1 no			
6	Cell Mount	1 no			
7	Diffraction Cells	1 set			
8	High Bright LED with power supply	1 no			
9	Accessories	NA			
Grand Total (₹)					