

निविदा / कोटेशन के लिए आमंत्रण  
**INVITATION FOR TENDER / QUOTATION**

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मोतीलाल नेहरू राष्ट्रीय प्रौद्योगिकी संस्थान इलाहाबाद  
इलाहाबाद-211004 (भारत)

Motilal Nehru National Institute of Technology Allahabad  
Allahabad-211004 (India)

An Institute of National Importance as Declared by NIT Act, GOI, 2007

**INVITATION FOR QUOTATION**

TEQIP-II/2016/MNNIT/Shopping/152

27-Dec-2016

To,

**Sub: Invitation for Quotations for supply of Goods**

Dear Sir,

1. You are invited to submit your most competitive quotation for the following goods with item wise detailed specifications given at Annexure I,

Sr. No	Brief Description	Quantity	Delivery Period(In days)	Place of Delivery	Installation Requirement (if any)
1	GAS CHROMATOGRAPH	1	60	MNNIT ALLAHABAD	YES

2. Government of India has received a credit from the International Development Association (IDA) towards the cost of the **Technical Education Quality Improvement Programme[TEQIP]-Phase II** Project and intends to apply part of the proceeds of this credit to eligible payments under the contract for which this invitation for quotations is issued.
3. Quotation,
  - 3.1 The contract shall be for the full quantity as described above.
  - 3.2 Corrections, if any, shall be made by crossing out, initialing, dating and re writing.
  - 3.3 All duties and other levies payable by the supplier under the contract shall be included in the unit price.
  - 3.4 Applicable taxes shall be quoted separately for all items.
  - 3.5 The prices quoted by the bidder shall be fixed for the duration of the contract and shall not be subject to adjustment on any account.
  - 3.6 The Prices should be quoted in Indian Rupees only.
4. Each bidder shall submit only one quotation.
5. Quotation shall remain valid for a period not less than **55** days after the last date of quotation submission.
6. Evaluation of Quotations,

The Purchaser will evaluate and compare the quotations determined to be substantially responsive i.e. which

  - 6.1 are properly signed ; and
  - 6.2 confirm to the terms and conditions, and specifications.
7. The Quotations would be evaluated for all items together.

8. Award of contract:  
The Purchaser will award the contract to the bidder whose quotation has been determined to be substantially responsive and who has offered the lowest evaluated quotation price.
  - 8.1 Notwithstanding the above, the Purchaser reserves the right to accept or reject any quotations and to cancel the bidding process and reject all quotations at any time prior to the award of contract.
  - 8.2 The bidder whose bid is accepted will be notified of the award of contract by the Purchaser prior to expiration of the quotation validity period. The terms of the accepted offer shall be incorporated in the purchase order.
9. Payment shall be made in Indian Rupees as follows:  
**Delivery and Installation - 90% of total cost**  
**Satisfactory Acceptance - 10% of total cost**
10. All supplied items are under warranty of **12** months from the date of successful acceptance of items.
11. You are requested to provide your offer latest by **02:30** hours on **16-Jan-2017**.
12. Detailed specifications of the items are at Annexure I.
13. Training Clause (if any) **Training should be provided onsite at MNNIT Allahabad**
14. Testing/Installation Clause (if any) **Testing/Installation should be done onsite at MNNIT Allahabad**
15. Information brochures/ Product catalogue, if any must be accompanied with the quotation clearly indicating the model quoted for.
16. Sealed quotation to be submitted/ delivered at the address mentioned below,  
**Office of Faculty In-charge (Purchase), MNNIT Teliarganj, Allahabad-211004**
17. We look forward to receiving your quotation and thank you for your interest in this project.

**Faculty In-charge (Purchase)**

### Annexure I

Sr. No	Item Name	Specifications
1	GAS CHROMATOGRAPH	<p>Hardware Specification: PC based, large LCD display on GC panel itself with all auxiliary gases like Air, H<sub>2</sub>, Make-up gas for FID, septum purge should be digitally controlled and quoted with following specification: Basic GC system should have the capability to install three-injector ports and three- four detectors as and when required simultaneously; flexibility to install packed/capillary injector port combinations, Auto ignition. Column oven: Oven volume should be minimum 12 liter or more, Temperature up to 400°C or more in 15 or more programming step, Program rate setting range –200 to +200°C/min cooling; pressure program up to 7 steps; constant linear velocity for carrier gas in capillary mode, System should be upgradable to cryogenic application with liquid N<sub>2</sub> or liquid CO<sub>2</sub> gas. Injector Port:2 Nos. (one split/split less and one packed column), capillary injector port, built-in electronic flow controller, (PPC/AFC/EPC) for all the gases like Split Flow, Split ratio adjustment of 0 to 9000 or more; Total flow rate setting should be 1000 ml/min or more; pressure program up to 7 steps; constant linear velocity for carrier gas in capillary mode; pressure range 0-100 psi, operating temperature: 400°C or better Auto-Liquid Injector &amp; Auto Sampler:Liquid sample injection via micro-syringe; minimum number of sample vials should be 12 vials. FID Detector:Temperature range up to 400 °C or higher, operational and detection limit should be less than 3 Pg°C /S or better, linear dynamic range of 10<sup>6</sup>-10<sup>7</sup> Electron capture detector (ECD):Temperature range: up to 400°C or more, detection limit: 0.1 pg/s (γ-BHC) or better, dynamic range: 10<sup>4</sup> or better, Method: Constant current with 370 MBq Ni-63 source Thermal Conductivity Detector (TCD):Temperature range: up to 400°C or more, sensitivity: 40,000 mV.mL/mg or better, dynamic range:10<sup>5</sup>. Up-gradation option: GC Should be upgradeable to detectors like, additional FTD, FPD and auto sampler, head space etc., Data Station (Integrator):Windows NT Compatible software with perpetual license having capability for digital data acquisition from GC and full Qualitative and Quantitative processing capabilities. It should be Multi-Tasking, Multi-Function capability for easy operation, User Management Functions, Full GLP / GMP support Multi level security with passwords, Audit Trail, System Check, Validation Assistant, System Suitability functions, QA/QC Functions with Pass/Fail judgments should be built-in. Accessory:Complete Accessories for GC to make it operational viz Capillary columns, products, Gas purification panel, Cylinder &amp; regulator, syringes, stainless steel tubing and suitable latest branded PC with monitor, Laser printer, Online 5kVA UPS; minimum 2 year warrantee on all parts and accessories.</p>

**FORMAT FOR QUOTATION SUBMISSION**

(In letterhead of the supplier with seal)

Date: \_\_\_\_\_

To:

\_\_\_\_\_

\_\_\_\_\_

Sl. No.	Description of goods (with full Specifications)	Qty.	Unit	Quoted Unit rate in Rs. (Including Ex Factory price, excise duty, packing and forwarding, transportation, insurance, other local costs incidental to delivery and warranty/ guaranty commitments)	Total Price (A)	Sales tax and other taxes payable	
						In %	In figures (B)
<b>Total Cost</b>							

Gross Total Cost (A+B): Rs. \_\_\_\_\_

We agree to supply the above goods in accordance with the technical specifications for a total contract price of Rs. \_\_\_\_\_ (Amount in figures) (Rupees \_\_\_\_\_ amount in words) within the period specified in the Invitation for Quotations.

We confirm that the normal commercial warranty/ guarantee of \_\_\_\_\_ months shall apply to the offered items and we also confirm to agree with terms and conditions as mentioned in the Invitation Letter.

We hereby certify that we have taken steps to ensure that no person acting for us or on our behalf will engage in bribery.

Signature of Supplier

Name: \_\_\_\_\_

Address: \_\_\_\_\_

Contact No: \_\_\_\_\_