



भारतीय सूचना प्रौद्योगिकी संस्थान, इलाहाबाद Indian Institute of Information Technology, Allahabad

An Institute of National Importance by Act of Parliament
Deoghat, Jhalwa, Allahabad-211012 (U.P.) INDIA

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Ref. No. : IIIT-A/ENQ/DR(S&P)/143 / 2017
Date : 21st July 2017


Tender Notice

Sealed tenders are invited under **Two Bid Systems** for the purchase of **Sensor Test and Measurement System** for the Indian Institute of Information Technology, Allahabad. The detailed specifications and terms & conditions are given in **Annexure I, II, III, IV & V**.

Tender document may be downloaded from the Institute website www.iiita.ac.in and submitted along with Rs.500/- of tender processing fee in form of DD in favour of "Indian Institute of Information Technology, Allahabad payable at Allahabad

The "Technical and Commercial Bids" in two separate sealed envelopes placed in a single envelope with name of the tender, ref. number and closing date subscribed on the top of the envelope addressed to the Deputy Registrar (S&P), IIIT-Allahabad upto **10/08/2017 at 12:00 noon**. Quotations duly sealed may also be dropped in the tender box placed in the office of the Deputy Registrar (S&P), IIIT-Allahabad. Basic rate, taxes and freight charges etc. must be quoted separately, F.O.R. destination at IIIT-A, Jhalwa, Allahabad.

The technical bid received in prescribed proforma will be opened in the presence of the tenderers, or authorized representatives interested to be present, on **10/08/2017 at 03:30 P.M.** The Financial bids of technically qualified tenderers will only be opened after technical evaluation by the Technical Committee. Basic rate, taxes and freight charges etc. must be quoted separately,


(Dr. Seema Shah)
Deputy Registrar (S&P)

Copy to:

- Hon'ble Director for kind information.

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Annexure-I

Technical Bid

(On letter head of the Firm & in a separately sealed envelope)

PROFORMA FOR APPLICATION

1. Name of the firm :-
2. Address of the firm :-
3. Phone Number (With Code):-
4. Proprietor's name: -
5. Email ID :-
6. Address of Proprietor: -
7. Proprietor's Phone No. :-
8. Details of the firm:-
 - (a)Date from which the firm is operating: -
 - (b)Turnover of the firm during: - FY 2014-15 (₹).....
FY 2015-16 (₹).....

**(Please attach documentary evidence
Copy of proof Profit and loss account).)**

- (c) PAN No. :-
- (d) TIN No. :-
- (e) Service Tax Registration No. (If any):-.....

9. **Tender Processing Fee:** An amount of Rs.500/- (Five Hundred Only) of tender (non refundable) is to be paid cash or DD payable in favour of **Indian Institute of Information Technology Allahabad** payable at **Allahabad**.

9.E.M.D. : The tenders should be accompanied in a form of a **Demand Draft/FDR** or **Bank Guarantee** in favour of **Indian Institute of Information Technology Allahabad** payable at **Allahabad** (Any bid without EMD will not be considered). EMD should be enclosed with the Technical Bid document in a separate envelop. The EMD will be returned to the unsuccessful bidders within 15 days and to the **successful bidders have to submit bank guarantee of 10% of total value, valid beyond 2 months of warranty period.**

Amount of EMD as below:

Sl. No	Description	EMD Amount	DD No./FDR Date
1.	Sensor Test and Measurement System	₹ 10,000/-	

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Annexure-II

Technical Compliance
(To be attached with technical bid)

Purchase of Sensor Test and Measurement System

Sl. No	Items/Specification	Compliance (Yes/No)	Deviation (if any)
A. Vacuum Chamber			
i.	Dimension - 150 - 180mm (dia) × 200 - 220mm (H)		
ii.	Made of - Non-Magnetic Stainless Steel of AISI-304 Quality		
iii.	Feed through- BE-2 type connections in Base		
iv.	View Port - Toughened Glass View Port on Top Side		
v.	Probes - 4 Probe made of high quality material with tip radius of 0.1mm with Holders		
vi.	Temperature - Upto 350°C		
vii.	Control - PID Temperature Controller		
viii.	Substrate Holder - Alumina Plate fixed on Heater		
B. Vacuum Pumping System and Pumping Lines			
i.	Double stage direct driven Rotary Vacuum Pump with built in antisuck back device with 1 phase Motor having free air displacement of 150 lit/min to evacuate the chamber to 5×10^{-2} mbar.		
ii.	Pirani Gauge (Vacuum Measurement): Vacuum measurement is by means of Digital Pirani Gauge with one heads which reads the vacuum level in the range of atm to 1×10^{-3} m.bar.		
iii.	Vacuum Pumping System: a. One inch Stainless Steel corrugated flexible bellow to connect Chamber & Vacuum Pump. b. One inch manually operated butterfly type isolation valve to isolate the Chamber. c. One No. of 1/4" solenoid operated vent valve to vent the chamber. d. 1 No. of needle valve to admit inert gas for purging application. e. Set of Electrical Control, Cables & necessary connectors. f. MANIFOLD: A Gas Manifold for purging 2 - 3 Gases is connected to Chamber with NRVs. Swagelock Type Manual Connectors are provided to connect Cylinders through Regulators.		
	System should be operate at 220 V AC		
	One Year unconditional warranty should be provided		
	Proper Training should be provided at our laboratory after installation.		

Signature of the tenderer

Seal of the firm

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Annexure-III

Technical Terms and Conditions

1. **Authorization:** The tenderer should be an authorized dealer/reseller of the Equipment /Original Equipment Manufacturer (OEM) and a certificate to this effect should be enclosed with the technical bid. Preference will be given to the firm, if Manufacturer/Sole Distributor.
2. **Annual Turnover of the firm should be 10 Lakh or above for last two financial year. (Copy of proof Profit and loss account).**
3. The vendor should have supplied minimum order of 5 lakh and above for the Electronic components/system during last financial year (documentary evidence should be enclosed).
4. **Compliance statement:** Compliance statement needs to be provided by vendors clearly specifying **COMPLIANCE/DEVIATION** with remarks of all of the points of Annexure-II.

Signature of the tenderer

Seal of the firm

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Annexure-IV

General Terms and Conditions of the Tender

1. **Bid:** The tenders are to be submitted in two part viz. "**Technical Bid**" and "**Commercial Bid**" in two separate sealed envelopes separately. The commercial bid will be opened only after acceptance of "Technically Bid".
2. Based on the evaluation of the technical bid submitted by the tenderer, the Committee would shortlist the tenderers. **The short listed tenderers may be asked to make a presentation after opening of the technical bid before the committee if, required.**
3. Detailed specifications, catalogue/literature of the items quoted should be supplied with the technical bid.
4. **Price Basis:** Rate should be quoted F.O.R. destination at IIIT-A, Deoghat, Jhalwa, Allahabad.
5. **Warranty:** The supplier will maintain the system during the warranty period free of cost at IIIT-Allahabad.
6. **SECURITY DEPOSIT:** Security deposit in the form of Bank Guarantee/Demand Draft form Nationalized Bank to the value of 10% of the contract value shall be submitted by the (L1) bidder. Above amount shall be taken as security deposit valid beyond 2 months of warranty period. EMD will be released after receiving of Bank Guarantee/Demand Draft.
7. **Delivery Schedule:** The supply period shall commence from the date of issue of confirm purchase order and completion period may be strictly 6-7weeks.
8. **Payment:** Payment will be made within 15 days after acceptance of delivery of materials, Installation and satisfactory report.
9. **Penalty:** If the supply delayed beyond the stipulated time of completion of supply, penalty of 1% per weeks and maximum upto 10% of the total cost may be imposed at the discretion of competent authority.
10. **Exemption:** **The institute is exempted from custom and excise duty in terms of notification No. 51/96-custom dated 23/07/96 and No. 10/97- Central Excise dated 01/03/1997 and is an University established under M.H.R.D. Govt. of India. Certificate to this if, required shall be provided by the Institute.**
This is to certify that the Indian Institute of Information Technology, Allahabad is imparting Technical Higher Education in the field of Information Technology, established by Ministry of Human Resources Development, Government of India. The Items is being purchased only for Research & Teaching purposes and not for manufacturing any item for commercial use.
11. **Transit Permit:** Transit road permit in the prescribe proforma shall be made available as per rule by the Institute on the request of the supplier if, required.
12. Tender must be quoted in prescribe format on the company/firm letter head.
13. **Price:** The rates should be quoted in Indian rupees. Only unit prices are to be quoted both in digits and in words. In case of a discrepancy in the two, quoted rates in words will be taken as valid and final.
14. It is most essential that it should be mentioned clearly that the price basis, payment terms, works schedule taxes and duties, validity, transportation charges.
15. If any defect is found in transit it will be the sole responsibility of the supplier to get it corrected and installed as desired by the user.
16. Quoted rate should be valid at least for 03 months.
17. The lowest rate will not be the basis of claim to get the order.
18. The firm/company's black listed at any stage need not to apply.

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19. **All pages of the tender documents are to be signed and stamped by the tendering firm.**
20. Director, Indian Institute of Information Technology, Allahabad reserves the right to reject or accept any tender.
21. Director, Indian Institute of Information Technology, Allahabad will be the sole arbitrator of all the dispute and his decision will be binding on both the parties.
22. Director, Indian Institute of Information Technology, Allahabad reserves the right to alter/modify any or all conditions of this tender notice.
23. Quotation should be addressed to Deputy Registrar (S&P), Indian Institute of Information Technology, Allahabad-211012 (U.P.) India.
24. Kindly mention enquiry reference number, subject, due date contact address etc on your quotation. Incomplete quotation will not be accepted.
25. Kindly quote your email ID and Bank details/GST No. etc.
26. All disputes are subject to Jurisdiction of Allahabad.

For any query pertaining to this bid correspondence may be addressed to

Dr. Seema Shah
Deputy Registrar (S&P)
IIIT-Allahabad, Jhalwa, Campus
Phone : +91 0532-2922051
E-mail: info.purchase@iiita.ac.in

Deputy Registrar (S&P)

Certified that the information in the proforma is true. I/We agree to the contents of terms & condition of the quotation/tender.

Seal and Signature of the Proprietor/Authorized Representative

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Annexure-V

Financial Bid

(On letter head of the Firm & in a separately sealed envelope)

Purchase of Sensor Test and Measurement System

Sl. No	Items/Specification	Qty	Unit Price in (₹)	Total amount in (₹)
1.	<p>Vacuum Chamber Specification: Dimension - 150 - 180mm (dia) × 200 - 220mm (H) Made of - Non-Magnetic Stainless Steel of AISI-304 Quality Feed through- BE-2 type connections in Base View Port - Toughened Glass View Port on Top Side Probes - 4 Probe made of high quality material with tip radius of 0.1mm with Holders Temperature - Upto 350°C Control - PID Temperature Controller Substrate Holder - Alumina Plate fixed on Heater</p>	01		
2.	<p>Vacuum Pumping System and Pumping Lines Specification: i. Double stage direct driven Rotary Vacuum Pump with built in antisuck back device with 1 phase Motor having free air displacement of 150 lit/min to evacuate the chamber to 5×10^{-2} mbar. ii. Pirani Gauge (Vacuum Measurement): Vacuum measurement is by means of Digital Pirani Gauge with one heads which reads the vacuum level in the range of atm to 1×10^{-3} m.bar. iii. Vacuum Pumping System: a. One inch Stainless Steel corrugated flexible bellow to connect Chamber & Vacuum Pump. b. One inch manually operated butterfly type isolation valve to isolate the Chamber. c. One No. of 1/4" solenoid operated vent valve to vent the chamber. d. 1 No. of needle valve to admit inert gas for purging application. e. Set of Electrical Control, Cables & necessary connectors. MANIFOLD: A Gas Manifold for purging 2 - 3 Gases is connected to Chamber with NRVs. Swagelock Type Manual Connectors are provided to connect Cylinders through Regulators.</p>	01		
	Total-			
	Taxes (if any)-			
	Grand Total-			

- Note-** 1. System should be operate at 220 V AC
 2. One Year unconditional warranty should be provided
 3. Proper Training should be provided at our laboratory after installation.

Signature of the tenderer

Seal of the firm