



**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

Ph.: 0532-2922025, 2922067, Fax : 0532-2430006, Web : www.iiita.ac.in, E-mail : contact@iiita.ac.in

Ref. No. : IIIT-A/ENQ/DR(S&P)/573/2017  
Date : 08<sup>th</sup> March 2017

**Tender Notice**

Sealed tenders are invited under **Two Bid Systems** for the purchase of **Function Generator and Power Supply** 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](http://www.iiita.ac.in) and submitted along with Rs.1,000/- of tender processing fee in form of DD in favour of "Indian Institute of Information Technology, Allahabad payable at Allahabad

You are requested to submit the quotation by courier/speed post with complete details of specifications, terms & conditions, warranty/guarantee **etc. upto 28/03/2017 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.

The technical bid received in prescribed proforma will be opened in the presence of the tenderers, or authorized representatives interested to be present, on **28/03/2017 at 04:00 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 2013-14 (₹).....  
FY 2014-15 (₹).....  
FY 2015-16 (₹).....

**(Please attach documentary evidence)**

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

9. **Tender Processing Fee:** An amount of Rs.1,000/- (One Thousand 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 after submission of 10% bank guarantee 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.	Purchase of Functional Generator and Power Supply	44,000/-	



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**Annexure-II**

**Technical Compliance**

(To be attached with technical bid)  
**(Purchase of Function Generator and Power supply)**

Sl. No.	Items Specification	Compliance (Yes/No)	Deviation (If any)
1.	<b>Function Generator (Qty.-80)</b> <b>Technical Specification:</b>		
	i. 10 MHz function generator		
	ii. Sine, Square, Triangle, Ramp, Pulse, TTL and DC outputs		
	iii. Modulation of any signal by AM, FM, PWM PAM and internal sweep		
	iv. Direct display of amplitude		
	v. Variable pulse duty cycle adjustment		
	vi. Auto ranging 40 MHz Frequency Counter with input sensitivity of 50mVrms-500mVrms & input voltage of 150Vrms		
	vii. 50 mVrms sensitivity for stable display of external signal frequency		
	viii. Internal Modulation Generator of Sine, Square, Triangle, frequency range 20Hz to 20KHz and Amplitude 2-10Vpp		
	ix. AM input from internal modulation generator		
2.	<b>Power Supply (Qty.- 50)</b> <b>Technical Specification:</b>		
	i. Three independent outputs electrically isolated from each other.		
	ii. Output Voltage: 0 to 32V, ±12V to ±15V & 4.50 to 5.50V		
	iii. Output Current: 0 to 2A, 0.5A & 5A		
	iv. Line Regulation CV: For 0 to 32 V ±0.01% ±2mV, For 12V to 15V & 4.50 to 5.50V ±0.1%		
	v. Load Regulation CV: For 0 to 32 V ±0.01% ±2mV, For 12V to 15V & 4.50 to 5.50V ±0.1%		
	vi. Line Regulation CC: For 0 to 32 V ±0.1% ±250µA		
	vii. Load Regulation CC: For 0 to 32 V ±0.1% ±250µA		
	viii. Operating Temp. 0 to 50°C		
	ix. 3 Digit DPM for Voltage & Current		
	x. Protection OL/SC		
	xi. Meter Accuracy ±3 counts		
	xii. Coarse & fine to set V & I		
	xiii. Certification of ISO 9001,14001 & 18001		

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 50 Lakh or above for last two financial year.
3. The vendor should have supplied minimum order of 22 lakh and above for the equipments last financial year (enclosed documentary evidence).
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 all 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: Warranty period Should be quoted separately.** The supplier will maintain and repair the systems 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 6-7 weeks.
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 is corrected and installed as desired by the user.
16. Quoted rate should be valid at least for 03 months.

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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.
  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 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](mailto: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)**

**(Specification of Function Generator and Power supply)**

Sl. No.	Items Specification	Qty.	Unit rate Rs.	Total amt. Rs.
1.	<b>Function Generator (Qty.-80)</b> <b>Technical Specification:</b>	80		
	i. 10 MHz function generator			
	ii. Sine, Square, Triangle, Ramp, Pulse, TTL and DC outputs			
	iii. Modulation of any signal by AM, FM, PWM PAM and internal sweep			
	iv. Direct display of amplitude			
	v. Variable pulse duty cycle adjustment			
	vi. Auto ranging 40 MHz Frequency Counter with input sensitivity of 50mVrms-500mVrms & input voltage of 150Vrms			
	vii. 50 mVrms sensitivity for stable display of external signal frequency			
	viii. Internal Modulation Generator of Sine, Square, Triangle, frequency range 20Hz to 20KHz and Amplitude 2-10Vpp			
	ix. AM input from internal modulation generator			
2.	<b>Power Supply (Qty.- 50)</b> <b>Technical Specification:</b>	50		
	i. Three independent outputs electrically isolated from each other.			
	ii. Output Voltage: 0 to 32V, ±12V to ±15V & 4.50 to 5.50V			
	iii. Output Current: 0 to 2A, 0.5A & 5A			
	iv. Line Regulation CV: For 0 to 32 V ±0.01% ±2mV, For 12V to 15V & 4.50 to 5.50V ±0.1%			
	v. Load Regulation CV: For 0 to 32 V ±0.01% ±2mV, For 12V to 15V & 4.50 to 5.50V ±0.1%			
	vi. Line Regulation CC: For 0 to 32 V ±0.1% ±250µA			
	vii. Load Regulation CC: For 0 to 32 V ±0.1% ±250µA			
	viii. Operating Temp. 0 to 50°C			
	ix. 3 Digit DPM for Voltage & Current			
	x. Protection OL/SC			
	xi. Meter Accuracy ±3 counts			
	xii. Coarse & fine to set V & I			
	xiii. Certification of ISO 9001,14001 & 18001			
<b>Total-</b>				
Taxes (if any) -				
<b>Grand Total-</b>				

Signature of the tenderer

Seal of the firm