

**INDIRA GANDHI INSTITUTE OF TECHNOLOGY**Guru Gobind Singh Indraprastha University,  
Kashmere Gate, Delhi – 110403.

(Purchase Branch)

Phone : 011-23900225

011-23900188



F.No. IGIT/AR/PUR/BAS/2011-12/

Dated:

To,

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**NOTICE INVITING QUOTATION**

You are requested to submit your offer in ‘**Sealed Envelope**’ for the Supply of Non consumable Equipments for Applied Physics Lab, IGIT as per details given below:

<b>Name of Work</b>	Supply of Non consumable Equipments for Applied Physics Lab of Indira Gandhi Institute of Technology, GGSIP University, Kashmere Gate Campus, Delhi – 110 403
<b>Last Date, Time and Venue for submission of tender</b>	Latest by 17/02/12 (Friday) at 11: 00 a.m. in the office of Purchase Officer, IGIT
<b>Earnest Money Deposit</b>	As indicated against each item is to be deposited in the form of DD in favour of Principal, IGIT, payable at Delhi,
<b>Opening of offers in presence of the authorized representatives of bidders, if any.</b>	17/02/12 (Friday) at 11:30 a.m. in the office of Principal, IGIT

This enquiry has also been uploaded on University website ([www.ipu.ac.in](http://www.ipu.ac.in)). Please superscribe the sealed envelope containing quotation with reference no. of the quotation and quotation for Supply & Installation of Non consumable Equipments for Applied Physics Lab, IGIT. Detailed Specifications and quantity are as follows:

**Group A**

S.No.	Item Name & Specification	Qty.	Earnest Money Deposit (Rs.)	Unit Price	Total Amt. (incl. taxes)
1.	3MHz function generator (sine, square, triangular Wave) output Attenuation Up to 80dB, Maximum output voltage into 50 Ohms is 10V p-p out put an in open circuit 20V p-p output. Attenuator Accuracy $\pm 0.5\text{dB}$ per 20dB at 1KHz, DC offset $\pm 10\text{v} \pm 5\%$ (DC + AC peak) in open circuit. <b>Make / Brand Name : Aplab/Scientific / Sciencetech only</b>	12	3000/-		
2.	Cathode Ray Oscilloscope 30MHz, 2-channel , with 1mV/div sensitivity on both Channels, X-Y operation, 20ns/div to 0.2s/div time base , component tester allows V.I characteristics of a device, test voltage-9vrms(no load) test current 2mAwhen shorted. <b>Make / Brand Name : Aplab/Scientific / Sciencetech only</b>	06	5500/-		

## Group B

S.No.	Item Name & Specification	Qty.	Earnest Money Deposit (Rs.)	Unit Price	Total Amt. (incl. taxes)
1.	Ultrasonic wave experiment( 0-10MHz RF Oscillator) <b>complete setup</b>	03	2000/-		
2.	Plank's constant experimental <b>Complete setup</b> LED based, Minimum 5 wavelength LEDS and Measurement of temp.Coeff.of current.	03	1100/-		
3.	10 inch diameter Spectrometer, least count 10 sec or less, with all accessories	10	4800/-		
4.	Lee's discs Apparatus <b>Complete setup</b> , with minimum 3disc samples,(hot plate 2000W, digital stop watch, vernier calipers screw gauge, boiler, rubber tubing, thermometers etc)	03	500/-		
5.	E/M by J.J. Thomson method <b>Complete setup</b> . (Acrylic stand setup) with microcontroller based power supply for CRT, LCD to measure deflection voltage , a pair of Bar Magnets, deflection magnetometer, octal socket provided on the front of panel of power supply.	03	1200/-		
6.	He-Ne Laser using transmission diffraction grating <b>Complete setup</b> (Optics bench length 1meter, laser source wavelength 630nm, diffraction grating 300L/mm,600L/mm,15000L/mm, for measurement of Wavelength of He-Ne Laser	03	4800/-		
7.	Fiber Optics Trainer Kit <b>Complete setup</b> for finding the numerical aperture of an optical fiber. To study of propagation loss & bending loss in Optical fiber. (Numerical Aperture 0.5, acceptance angle better than 60deg. Fiber dia 1000 microns outer dia 2.2mm, fiber length .5m & 1m.	03	4300/-		
8.	Thermo e.m.f. <b>Complete setup</b> for a copper constantan thermo-couple with digital micro voltmeters for measuring e.m.f.	03	1000/-		
9.	Bar Pendulum Rectangular Steel Strip type one meter or more in length long with holes at every 5cms.with knife edges and wall bracket. <b>Complete Setup</b>	04	200/-		
10.	Kater's Reversible pendulum (120 cm or more in length) with 2sets of large & small weights knife edges & wall bracket. <b>Complete Setup</b>	04	200/-		
11.	Compact quartz Polarimeter device (20cm) to determine the specific rotation of cane sugar solution with Sodium vapor lamp. with in-built power supply and light source, reading magnifier to read the circular scale least count of 3minutes <b>Complete Setup</b>	03	1000/-		
12.	Vernier calipers (12 inch long or long .02mm least count) Grade Stainless steel	05	170/-		
13.	Leak transformer 55Watts (For sodium vapour lamp) standard ( branded) quality	10	400/-		

14.	Flywheel 20cm diameter fitted with a 5 digit revolution counter <b>complete setup</b>	04	350/-		
15.	Carey Foster's Bridge <b>Complete Setup</b> . To determine unknown resistance of a wire. Galvanometer, resistances and DC power supply are provided on a single board low temperature coefficient constant wire, DC power supply 3V, variable resistance 0-100Ω, galvanometer deflection 30-0-30, resistance 80Ω.	04	1100/-		
16.	Newton's Rings Experiment <b>Complete setup</b> . All components including Sodium Light, Microscope, Power Supply & Optics housed in single piece compact body ( <b>Stand alone setup</b> )	03	1200/-		
17.	Ultrasonicator- Capacity 9lt.	01	1600/-		
18.	Dehumidifier cabinet ( electronic controlled ) that brings down Humidity Level down to 2%	01	3500/-		
19.	Battery Eliminator range 1-12V D.C 1Amp	10	200/-		

### Group C

S.No.	Item Name & Specification	Qty.	Earnest Money Deposit (Rs.)	Unit Price	Total Amt. (incl. taxes)
1.	Vacuum Oven - Capacity (27liter-30 liter) Temp. Controlled by Microprocessor based PID Digital Temp. Indicator cum control with digital dual display with timer Vacuum attainable ~10~760mm. of Hg , Temp. range +5 <sup>0</sup> C – 350 <sup>0</sup> C Temp. accuracy-+0.1 <sup>0</sup> C Material-Stainless Steel(Inside) + Powder coated steel outside. Door – Tempered glass window, Shelves-03	01	4800/-		
2.	Vacuum Pump- Double storage rotary, oil filled. Capacity- 75lt./min. motor 0.5HP.	01	1000/-		

#### Eligibility Criteria:

- The firm should have minimum annual turnover of Rs. 20 lacs per annum for each last three years ending March 2011 duly certified by Chartered Accountant.
- The firm should have at least 5 years experience of supplying similar lab equipment to higher education institutes.
- Certificate of Dealership OR Distributor OR Manufacturer indicating the person is Manufacturer, Distributor or Dealer
- The firm should have Tin Number Certificate OR Registration with Department of VAT.
- The Original Manufacturer should be ISO 9001:2000 certified and certificate should be attached with the tender document.
- The Bidder shall specify the model/catalogue number of the material along with detailed technical specifications and other relevant details to be enclosed with the tender document.
- Undertaking from the Agency that
  - it should not have been debarred or blacklisted by any of the Central Government/Departments/Organizations/Central PSU.
  - it will ensure fair trade practice
  - it has no personnel dealing with the Officials of the University.
- Terms & Conditions other than the terms & conditions of this University should not be considered and summarily likely be rejected.

**Terms & Conditions:**

1. Rate should be quoted net in figures & words, which are inclusive of taxes & cartage as applicable with bifurcation of cartage and taxes.
2. Charges for Handling, loading, unloading and placement of items in the institute shall be borne by the agency.
3. Quotation should be submitted in sealed envelope.
4. Delivery :- F.O.R Indira Gandhi Institute of Technology, GGSIP University Kashmere Gate Campus, Delhi – 110403
5. Delivery period: One month from the date of supply order.
6. The payment will be made after successful delivery & satisfactory installation.
7. Offers received without EMD will not be considered and rejected.
8. On-site warranty/guarantee should be 2 years from the date of successful installation extendable to 2 years on year – to – year basis.
9. Rate quoted should be in words as well as in numbers in Indian currency.
10. Rate should be quoted for the above stated specifications of Lab Equipment/Instrument.
11. In case of unsuccessful bidders, the EMD will be returned without any interest.
12. The successful firm will have to submit a Performance Security Deposit @ 10% of the total Value of tender in form of Bank Guarantee or FDR in favour of Principal, IGIT, payable at Delhi, within 10 days of demand letter issued. This amount shall be held during guarantee period for two years plus 60 days and will be refunded without any interest.
13. In case the successful Firm fails to undertake Performance Security Deposit, the university will forfeit the EMD of the firm.
14. In case the successful Firm fails to undertake work, the university will forfeit the Performance Security of the firm and action will be initiated for blacklisting the firm.
15. The rates should be valid for at least six months from the date of opening of the tender. (During this period no bidder shall be allowed to withdraw his tender. In case of withdrawal, the EMD submitted by the bidder shall be forfeited and no claim shall be entertained on this regard).
16. The rates of successful bidder will be valid for 12 months from the date of issue of Supply Order with same terms and conditions.
17. University reserves the right to reject any or all the quotations or accept them in part or to reject lowest quotations without assigning any reason.
18. Quotation received after due date & time shall be summarily rejected.
19. In case of any dispute the decision of Hon'ble Vice Chancellor, GGSIP University will be final & binding.
20. For any dispute jurisdiction of courts shall be Delhi only.

**(Vijay Kumar)**  
**Purchase Officer, IGIT**