



Guru Gobind Singh Indraprastha University
Sector 16C, Dwarka, New Delhi -110078

Website: www.ipu.ac.in
(PURCHASE BRANCH)

Phone No. 011-25302149, 150

F.11.5(4)/IPU/PUR/Lab Equipments/USBAS/2011-12/1227

Dated: 10.01.2014

To,

NOTICE INVITING QUOTATION

Sealed item rate quotation is invited on behalf of Registrar, Guru Gobind Singh Indraprastha University, Sector 16 C, Dwarka, New Delhi from **eligible manufacturers/distributors/authorized dealers** for supply & installation of Lab Equipments (Physics Laboratory) for USBAS as per details given below:-

1.	Name of work:-	Supply & installation of Lab Equipments (Physics Laboratory) for USBAS at Guru Gobind Singh Indraprastha University, Sector 16 C, Dwarka, New Delhi – 110078
2.	Last date, time and venue for submission of quotation	29.01.2014 Upto 01.00 p.m. in the office of Dy. Registrar (Purchase), Ground Floor, Library Block, GGSIPU, Sector 16 C, Dwarka, New Delhi – 110078
3.	Date, time and venue for opening of technical bid	29.01.2014 at 03.30 p.m. in the office of Dy. Registrar (Purchase), Ground Floor, Library Block, GGSIPU, Sector 16 C, Dwarka, New Delhi – 110078
4.	Financial bid shall be opened after evaluation of technical bid/time notified thereafter.	

The bids shall be submitted in two stages viz.(i) *Technical bid* (ii) *Financial bid*. Detailed specification of the item(s) to be supplied is placed at Annexure A

Eligibility:-

1. Certificate of Authorized dealership/distributor/manufacturer. (in case of manufacturer, they will self certify so. Authorized dealers/distributor shall attach attested copies of dealership/distributorship certificates issued by the manufacturer)
2. Undertaking by the agency in its Letterhead that:-
 - a. An affidavit on Rs.10/- (non-judicial stamp paper) declaring that the bidder/ organization has not been blacklisted/debarred by any of the Central/State Government/Departments /Organizations/ Central or State PSU
 - b. That it will ensure fair trade practice.
 - c. An affidavit on Rs.10/- non judicial stamp paper that none of the GGSIPU employees including faculties having relation.
3. Should have valid registration with DVAT Deptt/TIN Number/PAN Number.
4. That the item(s) supplied under this contract shall have on-site and comprehensive warranty for 24 months from the date of supply including free replacement of spare parts.
5. All the specifications must be guaranteed with printed and authentic documents/catalogs.

6. Should have minimum average annual financial turn over of Rs.50 Lakhs during the last three years ending March 2013 duly certified by **Chartered Accountant and a copy of Balance Sheet to be enclosed.**

Terms & Conditions:-

- (1) The bidder shall place his bids in two separate envelopes marked "Technical Bid" and "Financial bid". All documents in support of eligibility as well as another envelope containing DD/Pay order for EMD shall be placed in the envelope marked "Technical Bid". The offered rates shall be placed in the envelope marked "Financial bid". Both these bids should be superscribed with name of work and shall be placed in a third envelope which shall be superscribed "Quotation for **Supply & installation of Lab Equipment (Physics Laboratory) for USBAS** at Guru Gobind Singh Indraprastha University, Sector 16 C, Dwarka, New Delhi – 110078.
- (2) Bids without EMD will be summarily rejected.
- (3) Conditional Bids will be summarily rejected.
- (4) Bids received after due date & time shall be summarily rejected.
- (5) The "Financial bid" of those bidders whose technical bids have qualified will only be opened.
- (6) Rate must be quoted in INR only in figures & words inclusive of taxes, levies, cartage handling, loading, unloading etc.
- (7) Delivery :- F.O.R. GGSIP University, Sector 16 C, Dwarka, New Delhi
- (8) Consignment shall be dispatched by the Forwarding Agent and freight and custom duty etc. shall be paid by the Agency (bidder) for subsequent reimbursement by the University. University will provide the custom duty exemption certificate.
- (9) Delivery period:- 45 days from the date of supply order.
- (10) The EMD of unsuccessful bidders shall be refunded immediately.
- (11) The successful bidder have to submit a Performance Security Deposit @ 5% of the quoted value in the form of Demand Draft/Pay order drawn in favour of Registrar, GGSIPU, Delhi within 7(seven) days of the communication accepting the bid. EMD shall be adjusted toward Performance Security Deposit. The Performance Security Deposit shall be refunded without interest after completion of the guarantee period of 24 months.
- (12) In case the successful bidder fails to deposit the Performance Security within the stipulated 7 (seven) days of the communication accepting the bid, the EMD shall be forfeited to GGSIP University absolutely.
- (13) In case the successful bidder fails to supply the item(s) within the delivered period, a sum equal to 0.5% of the contract price per week or part thereof until the actual delivery subject to maximum of 10% of the value of supply order shall be deducted.
- (14) The payment will be made after delivery and satisfactory installation of the equipment.
- (15) Taxes etc., if any, leviable shall be deducted at source.
- (16) The validity of the bid will be 120 days from the date of opening of financial bids. During the validity period, the successful bidder shall not be allowed to withdraw. In case of withdrawal, the EMD shall be forfeited to GGSIP University absolutely and no claim shall be admitted in this regard. Such bidder shall not be allowed to participate in the re-quotation process.
- (17) The rates of successful bidder will be valid for 12 months from the date of issue of letter of acceptance.
- (18) University reserves the right to reject any or all the bids or accept them in part or reject the lowest bid without assigning any reason.
- (19) Unauthorized substitution or materials delivered in error of wrong description or quality or supplied in excess quantity or rejected goods shall be returned to the bidder at bidder's cost & risk.
- (20) The successful bidder shall make all arrangements towards safe and complete delivery at the designated location indicated in the supply order. Such responsibility on the part of the bidder will include taking care of insurance, freight, state level permits etc. as applicable.
- (21) In case of any dispute relating to meaning, scope, manufacturing, operation or effect of this contract or the validity or the breach thereof, University and the contractor shall make every effort to resolve amicably by direct discussion/negotiation.
- (22) In case the dispute cannot be settled amicably within 30 days of the raising of dispute by either party, either party may seek settlement of the dispute by arbitration in accordance with the provisions of the Arbitration & Conciliation Act, 1996 and the award made in pursuance thereof shall be binding on all the parties. The sole arbitrator shall be appointed by Vice Chancellor, GGS Indraprastha University.

- (23) The performance under this contract shall not be stopped for any reason whatsoever during the said dispute/proceedings unless the contractor is specifically directed to do so by the University.
- (24) The venue of arbitration proceedings shall be Delhi/New Delhi. The language of proceedings shall be English. The law governing the substantive issues between the parties shall be the Laws of India. All disputes are subject to Jurisdiction of Delhi Courts only.
- (25) It is also a term of the contract that if any fee payable to the arbitrator, shall be paid equally by both the parties. It is also a term of the contract that the arbitrator shall be deemed to have entered in the reference on the date he/she issues notice to both the parties calling them to submit their statement of claims and counter statement of claims.
- (26) Force Majeure.
For purpose of this clause, 'Force Majeure' means an event beyond the control of the contractor and not involving the contractor's fault or negligence and not foreseeable. Such events may include, but are not limited to, acts of the University either in its sovereign or contractual capacity, wars or revolutions, fires, floods, epidemics, quarantine restrictions and freight embargo.
If a Force Majeure situation arises, the contractor shall promptly notify the University in writing of such conditions and cause thereof. Unless otherwise directed by the University in writing, the contractor shall continue to perform its obligations under this contract as far as reasonably practical and shall seek all reasonable alternative means for performance not prevented by Force Majeure event.

(Abha Vermani)
Dy. Registrar (Purchase)

Annexure A

Financial/Commercial Bid – ‘Separate Envelope’. No cutting and overwriting condition shall be permitted.

Item No.	Name of items & Specifications	Qty.	Earnest Money Deposit	Unit Price	Total Amount in Rs. (incl. taxes)
2.	<p>He-Ne Laser kit The set up should be able to do at least the following experiments:</p> <ol style="list-style-type: none"> 1. Study of Diffraction pattern by holes, single slit, double slit, mesh, grating. 2. Demonstration of Young’s fringes 3. Demonstrate Fresnel’s diffraction 4. To measure wavelength 5. To demonstrate fringes of equal inclination 6. Spreading of light through a narrow aperture. <p>The kit should consist of at least the following:</p> <ol style="list-style-type: none"> 1. He-Ne laser:wavelength 632.8 nm, output power at least 2mW, continuous working time : at least 8 hrs , operating voltage : 220 volts, 50 Hz 2. Optical Bench: at least 1 m. 3. Object screen 4. Different objects for study at least ten 5. Slit holder 6. Saddles 7. Convex lens in holder 8. Bi concave lens FL= -50mm 9. Bi concave lens FL= -100mm 10. Levelling table 11. glass scale 12. Microscope slide 	03 Nos. of Setup	Rs.7,500/-		
4.	<p>Polarimeter experiment kit The Setup should be able to perform at least the following: To observe the rotation of plane of polarization of monochromatic light by sugar solution of different concentrations. The kit should consist of at least the following:</p> <ol style="list-style-type: none"> 1. Quartz Polarimeter: Least division –circular scale :1 degree , vernier least count 3 minutes, operating voltage : 220 V AC , 50 Hz 2. Polarimeter tube, 100 mm 3. Polarimeter Tube 200mm 4. Beaker, 250 cc 5. Funnel 6. Pipette 50 ml 	02 Nos. of Setup	Rs.650/-		
5.	<p>Spectrometry kit with mercury/sodium light source The Setup should be able to perform at least the following: Exp1-To determine the Resolving Power of Prism. Exp2-To determine Refractive index of the material of Prism for Sodium Light. Exp3-To determine the wavelength of Sodium Light using a plane diffraction Grating.</p> <ol style="list-style-type: none"> 1. Advanced Spectrometer with least count 20 seconds 2. Sodium/mercury light source 	02 Nos. of Setup	Rs. 1,700/-		

	<ol style="list-style-type: none"> 3. Prism(EDF) size :38mmX38mmX38mm with height 38mm -1 piece 4. Prism(EDF) size :54mmX54mmX54mm with height 32mm -1 piece 5. Diffraction grating : size: 38 x 50 mm, lines/inch :15000 6. Micrometer slit 7. Stand Base A shape along with bosshead square and mild steel rod 500mm for supporting lamp if required 				
16.	<p>General purpose electronic plug in board/kit The Setup should be able to perform at least the following study:</p> <ol style="list-style-type: none"> 1. Study of LR circuits 2. Study of RC circuits 3. Study PN junction diode characteristics 4. Study zener characteristics and applications as voltage regulator 5. study half wave and bridge wave rectifier 6. Study transistor characteristics 7. Study CE amplifier frequency response 8. Study low pass,high pass , band pass filters 9. Study of clipper, clamper circuits 10. Study of LCR circuits 11. Study of monostable/bistable/astable multivibrator using transistor. 	06 Nos. of Setup	Rs. 9,700/-		
17.	<p>Experimental Set up to study the Frank-Hertz experiment The setup should have at least the following features</p> <ol style="list-style-type: none"> (1) Argon filled Tetrode (2) Filament Power Supply – 3.6 – 4.3 continuously (3) Power supply for V_{G1K} (variable) (4) Power Supply for V_{G2A} (Variable) (5) Power Supply for V_{G2K} (6) Saw tooth waveform for CRO display (7) Multirange Digital Ammeter 	02 Nos. of Setup	Rs. 3,000/-		

(Stamp, Name & Signature of Bidder)