

Gautam Buddha University

Greater Noida – 201 310

BID FORM

FOR SUPPLY OF

*LABORATORY EQUIPMENTS FOR ELECTRONICS AND
COMMUNICATION LABORATORY*

TO

School of Information and Communication Technology,

GAUTAM BUDDHA UNIVERSITY

GREATER NOIDA- 201310

Website: www.gbu.ac.in

Gautam Buddha University
(SCHOOL OF INFORMATION & COMMUNICATION TECHNOLOGY)

TENDER FOR SoICT Electronics and Communication Laboratory

Tender	Supply of Electronics and Communication Laboratory Equipments
Opening Date:	23 January, 2011 from 09.00 a.m.
Closing Date :	22 February, 2011 upto 3.00 p.m..
Bid Submission Date:	22 February, 2011 upto 5.00 p.m.
Technical Bid Opening Date, Time & Place:	23 February, 2011 on 2.00 p.m. at Conference Room, Registrar office, 1 st Floor, Administrative Building.
Earnest Money Deposit:	2% of the offered cost
Completion Period:	Within 4 weeks from the date of Purchase Order issued
Bid System	Two Bid System : 1) Technical Bid and 2) Financial Bid
Technical Bid Shall Contain	<ul style="list-style-type: none">i. Technical specifications of each equipmentii. All documents in support of commercial terms & conditions and eligibility criteria.iii. Bidders Proforma.iv. EMD & Tender Fee demand draft/pay order.
Financial Bid	The Financial Bid shall contain rate schedule only. The price shall be in words as well as in numeric numbers.

“TECHNICAL BID (BIDDER’S PROFORMA)”
(To be submitted in separate envelope)

1. Name of the firm:
2. Date of incorporation.....
3. Name of the company – Government/Public Ltd/Private Ltd/Partnership/
Proprietorship:
4. Specify the number of years in this line of activity by the company:.....
5. Sales Tax/VAT registration No. (please attach certificate) :
6. Experience (in year) of supplying & installation for similar software to IITs, NIT’s or
Central Universities or any Academic Institute of National Repute (please attached
certificate/P.O.) :
7. Turnover in the last three years (Figures should be in Indian Rupees in Lakhs; please
attach the certified copies of balance sheet) : (if the figures for 09-10 are not available
then they may furnish balance sheet of year 06-07)

8.

2007-08	2008-09	2009-10

9. Provide the postal address, telephone & fax numbers, and email address of the nearest
service center :
.....
10. What would be the delivery period from the date of the placement of an official
purchase order :
11. Enclose the list of customers to whom you have supplied /serviced during the last 3
years ending 31/03/2010 with full postal address and name of the contact person with
phone, FAX numbers, and E-mail-id, billing amount etc. Certificate regarding satisfactory
performance from the minimum three end users should be furnished.
12. Are you the manufacturer / authorized dealer / distributor/ reseller for the product
quoted (please attached relevant certificate):
13. Was there any elapse or delay in supplying the goods ordered or any service related
issue during the warranty period for the products supplied by your firm to different
Institutes/Universities during last three years? If yes, provide details.
14. Deviations in specifications, if yes, please mention in separate sheet.
15. Whether technical specification are attached with Technical Bid or not. Yes/No

DECLARATION

1. The rates quoted in financial bid are inclusive of all taxes, packing, handling and installation charges.
2. The information given in the financial bid by the undersigned is correct.

(SIGNATURE OF THE BIDDER)

WITH SEAL

NAME :

ADDRESS :

:

:

Tel./Mobile No. :

Note: The financial bid is required to be submitted separately in a sealed cover super scribing as "Electronics and Communication Laboratory Equipments for School of I.C.T.".

Gautam Buddha University

(SCHOOL OF I.C.T.)

(Technical Specifications)

Equipment Details: Products for Electronics and Communication Lab

SI No	Description	Specifications	Qty.
1	DC Power Supply	<ul style="list-style-type: none"> Output Ratings: <ul style="list-style-type: none"> Output 1: 0 to 5 V, 0 to 5 A Output 2: 0 to +25 V, 0 to 1 A Output 3: 0 to -25 V, 0 to 1 A Programming Accuracy at 25°C ±5°C <ul style="list-style-type: none"> Voltage: 0.05% + 20 mV, 0.05% + 20 mV, 0.1% + 5 mV + Current: 0.15% + 4 mA, 0.15% + 4 mA, 0.2% + 10 mA Ripple & Noise (20 Hz to 20 MHz) <ul style="list-style-type: none"> Normal Mode Voltage: <450 µVrms/ 3 mV p-p, <450 µV rms/3 mV p-p, <450 µV rms/3 mV p-p Normal-mode current: <500 µA rms, <500 µA rms, <2 mA rms Minimum Standard 3-year comprehensive warranty 	10
2	DC Power Supply	<p>Output Ratings</p> <ul style="list-style-type: none"> Output 1: 0 to 5 V, 0 to 2.5 A Output 2: 0 to +20 V, 0 to 0.5 A Output 3: 0 to -20 V, 0 to 0.5 A Power (max): 25 W Peak-to-Peak: 2.5 mV Load & Line Regulation: 0.01% + 5mV <p>Meter Resolution: Voltage: 10 mV</p> <ul style="list-style-type: none"> Current: 10 mA Minimum Standard 3-year comprehensive warranty 	10
3	Function/ Arbitrary Function Generator	<p>Dual-Channel Capability</p> <ul style="list-style-type: none"> Frequency and amplitude coupling, differential or combined outputs <p>Waveform Generation</p> <ul style="list-style-type: none"> 30 MHz, dual-channel mode, sine, square, pulse bandwidth cover more applications < 50 ps jitter and less than .05% total harmonic distortion for more precise signals 250 MSa/s, 16-bit sampling rate for higher time resolution <p>arbitrary waveforms</p> <ul style="list-style-type: none"> True point-by-point arbitrary waveforms for more accurate representation of user-defined signals <p>Instrument Features</p> <ul style="list-style-type: none"> 15 MSa/channel arbitrary waveform memory option Large, colour, graphical display TCXO time base standard, USB and LAN (LXI-C) standard for connectivity and GPIB option <p>Minimum Standard 3-year comprehensive warranty</p>	10

4	DSO(I)	<ul style="list-style-type: none"> • 60 MHz bandwidth • 2 analog channels • 2 GSa/s sample rate half channel, 1 GSa/s each channel • 20 kpts memory half channel, 10 kpts each channel • Color LCD display with wide viewing angle • 'True zoom' mode for viewing big picture and details • Sequence mode for record and playback of captured waveform • Selectable band pass filtering • Advanced triggering for capturing elusive signals. • Go/no go mask testing • Waveform math and FFT functions • Front panel overlay, • Minimum Standard 3-year comprehensive warranty 	5
4	DSO(II)	<ul style="list-style-type: none"> • 200 MHz bandwidth • 2 analog channels • 2 GSa/s sample rate half channel, 1 GSa/s each channel • 20 kpts memory half channel, 10 kpts each channel • Color LCD display with wide viewing angle • 'True zoom' mode for viewing big picture and details • Sequence mode allows record and playback of captured waveforms • Selectable band pass filtering • Advanced triggering captures elusive signals • Go/no go mask testing • Waveform math and FFT functions • Front panel overlay, GUI and manual • Minimum Standard 3-year comprehensive warranty 	2
5	RMS Clamp Meter	<p>Handheld clamp meter with 1000A AC current, Measurement facility</p> <ul style="list-style-type: none"> • AC & DC voltage, resistance, capacitance frequency, diode testing, continuity <p>Minimum Standard 3-year comprehensive warranty</p>	2
6	Digital Multimeter	<p>Handheld Digital Multimeter, 50000 counts, Measurement facility:</p> <p>dc & ac voltage, dc & ac current, resistance, frequency, continuity, capacitance, temperature, frequency counter, square wave output.</p> <p>Minimum Standard 3-year comprehensive warranty</p>	6
7	Digital Multimeter	<p>Industry Standard Digital Multimeter, 6½ Digits: Measurement facility</p> <ul style="list-style-type: none"> • dc & ac voltage, dc & ac current, 2 & 4 wire resistance, frequency & period, continuity, diode test. <p>GPIB, RS232, IntuiLink , SW connectivity supported ,</p> <p>Minimum Standard 3-year comprehensive warranty</p>	2

8	Universal Programmer and IC Tester	<ul style="list-style-type: none"> • IC Tester • Windows compatible • Serial Port Interface • Internal Memory Supports • PLD Vector tester • USB to Serial Converter , • Minimum Standard 3-year comprehensive warranty 	1
9	Insulation Tester	<ul style="list-style-type: none"> • Insulation test range: 0.01 MΩ to 10 GΩ • Insulation test voltages: 50 V, 100 V, 250 V, 500 V, 1000 V • Minimum Standard 3-year comprehensive warranty 	1
10	LCR- Meter	<ul style="list-style-type: none"> • 20,000 counts resolution with dual display and backlight. • Simple operation with one button access to make inductance, capacitance and resistance measurements. • Visible and audible tolerance mode for easy capacitor sorting. • Four different testing frequencies. • Minimum, Maximum and Average readings recording. • Relative mode and Data Hold function. • Automatic calculation of phase angle, dissipation and quality factors. • Minimum Standard 3-year comprehensive warranty 	2

Make: Agilent/ Tektronix / Rhode & Schwartz except item no-8.

GENERAL TERMS AND CONDITIONS

1. Detailed information about equipments, specifications are available in tender document which can be downloaded from the University website www.gbu.ac.in.
2. Offer should be submitted in two parts, in two separate envelopes; 1) **Technical Bid** and 2) **Financial Bid**. These two envelopes shall be sealed in a common cover and addressed/sent to **The Registrar, Gautam Buddha University, Greater Noida, Gautam Budh Nagar -201308 (U.P.)** super scribing “**Tender against Tender Notification Advt.:GBU/S&P/01/2011, Name of supply: Electronics and Communication Laboratory Equipments for School of I.C.T.**” so as to reach us on or before last day of submission.
3. The Technical Bid and Financial Bid should be duly filled up.
4. The technical bid of the bidders will be opened first and the financial bid will be opened only of technically qualified.
5. The “**Technical Bid**” shall contain all documents in support of offered equipment specifications, commercial terms & conditions and eligibility criteria along with the page number for cited specifications in the company brochure for the particular item.
6. The “**Financial Bid**” shall contain rate schedule only. The price shall be in words and numeric numbers both.
7. **Eligibility Criteria:** All the participating suppliers/firms or principal manufacturer-should meet the following qualifying criteria. The firm should be a registered supplier for such supplies. Following documents are required to be submitted with Technical Bid, to qualify eligibility criteria:
 - (a) Sales Tax/VAT registration certificate.
 - (b) PAN and TIN number should be mentioned.
 - (c) The firm should have experience of supplying & installation for similar laboratory equipments to institute of National repute such as IIT, IIM, National Universities etc. The company should also furnish a list of clients of last 5 years.
 - (d) The firm should have minimum average annual turn-over of **Rs. 2.0 Crores** for previous *three* financial years. Audited balance sheet for previous *three* financial years should be submitted.
 - (e) Name of branch offices & service centers after sales arrangements.
 - (f) Earnest Money Deposit (EMD) **as 2% of the offered cost** and the **cost of the tender** (separately) are required to be submitted in the form of DD/Banker’s cheque only, drawn in favour of “Finance Officer, Gautam Buddha University” payable at “Greater Noida” along with the Technical Bid, failing which the bid will not be entertained.
 - (g) Authorized signatory should sign on all pages. Bids without authorized signature will be rejected.
8. Offer should be sent in a sealed envelope, submitted either in person or by post on which name and address of the supplier/firm shall be written. Tenders received through E-mails or FAX will not be considered.
9. The technical bids will be opened on scheduled date and time in the presence of the vendors present with authorization letter from the respective companies/firms. Suppliers intending to attend the tender opening should intimate in advance.
10. The rate quoted should be F.O.R. Gautam Buddha University (Gautam Budh Nagar, UP) in rupees inclusive of all charges e.g. packing, forwarding local taxes, railway freight, transit insurance, for outside firms and free delivery at University stores in the case of local firms. The total price should include all accessories (s) required for final installation of the equipment.

11. The equipment should have USEPA/International/National validation certificates, wherever applicable.
12. The cost of the tender is Rs.1000/- (Rupees One Thousand) inclusive of taxes (Non-refundable) and it shall be paid separately in the form of DD/Banker's Cheque only drawn in favour of "Finance Officer, Gautam Buddha University" payable at "Greater Noida".
13. The bidder must be either sole manufacturer of the instruments /equipment or the authorized agent/representative of the manufacturer. In the case of agent/representative, certified copy of the agency/authorization issued by the manufacturer should be enclosed with the tender.
14. The EMD of the successful bidder will be refunded **two** month after completion of the supply and installation of the equipment to the satisfaction of the Gautam Buddha University. If supply is not made within the prescribed period EMD would be forfeited. The EMD of the unsuccessful bidders will be returned to the concerned immediately after finalization of the tenders. No interest will be paid on EMD in any case.
15. Tenders should preferably be given only for those articles which are available ex-stock. Other items should be quoted separately giving the delivery period. Rates of imported goods should be quoted excluding custom duty, as this University is exempted from payment of custom duty (by letter of Department of Scientific and Industrial Research, Ministry of Science & Technology, GOI).
16. Detailed specifications and "Make" of each item should be clearly given supported by the illustrated pamphlets wherever possible. Tender without specifying the make and other particulars may be rejected. The payment will be made after the goods have been received, opened, checked and found to be in order up to our entire satisfaction. The accessories included in the equipment should also be clearly mentioned.
17. Losses or damage in transit will be in to the account of the Supplier. The supplier may, if he so desires, get the goods insured and include such charges in the tendered rate.
18. Offered rates should be valid at least for two months from the last date of receipt of tenders.
19. All legal proceedings, if necessity arises to the University may be any of the parties (University or Contractor/Supplier) shall have to be lodged in the courts situated at Gautam Budh Nagar and not elsewhere.
20. (a) The equipment delivery time should be preferably within 4-6 week after the date of issuance of the purchase order. If the delivery time is quoted more than 4-6 weeks, GBU reserves all rights to permit the bidder to compete.

(b) The Penalty Clause is as under :-

Should the bidder fail to deliver the goods within the period specified in the Tender, the Competent Authority may, at his discretion, allow an extension in time subject to recovery from the bidder as agreed liquidated damages, and not by way of penalty, a sum equal to the percentage of the value of tender amount which the bidder has failed to supply for period of delay as stated below :-

i.Delay up to one week	1%
ii.Delay exceeding one week but not exceeding two weeks	2%
iii.Delay exceeding two weeks but not exceeding one month	5%

iv.Delay exceeding one month

5% for each month and part there of
subject to maximum 10%

(c)In case of failure to supply the goods within the prescribed time and in accordance with the specifications give in the Quotations, the University shall be free to cancel the order.

21. The University's term for payment is 90% against delivery of items in good condition and satisfactory installation; and balanced 10% payment shall be made after 60 days of satisfactory working of the items. For this, the firm has to raise bill/letter for balance payment. No advance payment will be made.
22. No revision of price bid will be allowed once the price bids are opened.
23. No increase in price will be allowed after our purchase order(s) are placed.
24. The warranty period should be clearly mentioned. The maintenance charges (AMC), if applicable, under different schemes after the expiry of the warranty should also be mentioned in a separate sheet.
25. A warranty certificate against all the manufacturing defects covering for a period of minimum one year from the date of installation shall be given at the time of supply of the equipment. Any additional period towards warrantee will be given weightage in evaluation of the bids.
26. Inspection certificates of the instruments/ equipment inspected by the qualified engineer of the manufacturer and packed in accordance with the terms and conditions of this order must be enclosed.
27. During the warranty period or later whenever the firm is called upon to attend to the rectification of the defects/faults in the consignments, the firm shall attend to the repair work within a period of a week. They should render timely back up service whenever called upon. A certificate to the effect should be attached to the tender.
28. A certificate to the effect that instruments/equipment supplied is fully operational and no additional accessory or space is required to make the instruments/equipment run should be issued alongwith the delivery challans/invoice. GBU reserves the right to refuse payment in the event of not furnishing this certificate at the time of supply.
29. Complete user, technical and service documentation and spare parts catalogue are to be provided along with the supply of the item.
30. Failure to comply with all the terms and conditions mentioned herein would result in the tender being summarily rejected.
31. Vendors are informed that once the companies are shortlisted based on the eligibility criteria and technical specification, only then the financial bids of the firms that meet the eligibility criteria, technical specification / requirements would be opened.
32. Conditional tenders will not be accepted.
33. Any cutting and overwriting in the financial bid will not be accepted.
34. GBU reserves the right to change the order quantity or split the orders among multiple vendors without assigning any reason (s) whatsoever.
35. GBU reserves the right to reject any or all the tenders without assigning any reasons whatsoever.

Registrar
Gautam Buddha University

ACCEPTANCE

We accept the above terms and conditions and shall comply with them strictly.

SIGNATURE OF THE AUTHORISED SIGNATORY	:
NAME OF THE SUPPLIER	:
ADDRESS	:
	
	

ENVELOPE 'B'

FINANCIAL BID FORM FOR ELECTRONICS AND COMMUNICATION LABORATORY EQUIPMENTS

1. Name of Firm/Agency _____

2. Address of the firm _____

Sl No	Description	Specifications	Qty.	Rates quoted per unit, cost inclusive of all taxes for GBU Gr. Noida	Total Cost
1	DC Power Supply	<ul style="list-style-type: none"> Output Ratings: Output 1: 0 to 5 V, 0 to 5 A Output 2: 0 to +25 V, 0 to 1 A Output 3: 0 to -25 V, 0 to 1 A Programming Accuracy at 25°C ±5°C Voltage: 0.05% + 20 mV, 0.05% + 20 mV, 0.1% + 5 mV + Current: 0.15% + 4 mA, 0.15% + 4 mA, 0.2% + 10 mA Ripple & Noise (20 Hz to 20 MHz) Normal Mode Voltage: <450 µVrms/ 3 mV p-p, <450 µV rms/3 mV p-p, <450 µV rms/3 mV p-p Normal-mode current: <500 µA rms, <500 µA rms, <2 mA rms Minimum Standard 3-year comprehensive warranty 	10		
2	DC Power Supply	<p>Output Ratings</p> <ul style="list-style-type: none"> Output 1: 0 to 5 V, 0 to 2.5 A Output 2: 0 to +20 V, 0 to 0.5 A Output 3: 0 to -20 V, 0 to 0.5 A Power (max): 25 W Peak-to-Peak: 2.5 mV Load & Line Regulation: 0.01% + 5mV <p>Meter Resolution: Voltage: 10 mV</p> <ul style="list-style-type: none"> Current: 10 mA Minimum Standard 3-year comprehensive warranty 	10		

3	Function/ Arbitrary Function Generator	Dual-Channel Capability <ul style="list-style-type: none"> • Frequency and amplitude coupling, differential or combined outputs Waveform Generation <ul style="list-style-type: none"> • 30 MHz, dual-channel mode, sine, square, pulse bandwidth cover more applications • < 50 ps jitter and less than .05% total harmonic distortion for more precise signals • 250 MSa/s, 16-bit sampling rate for higher time resolution arbitrary waveforms • True point-by-point arbitrary waveforms for more accurate representation of user-defined signals Instrument Features <ul style="list-style-type: none"> • 15 MSa/channel arbitrary waveform memory option • Large, colour, graphical display • TCXO time base standard, • USB and LAN (LXI-C) standard for connectivity and GPIB option Minimum Standard 3-year comprehensive warranty	10		
4	DSO(I)	<ul style="list-style-type: none"> • 60 MHz bandwidth • 2 analog channels • 2 GSa/s sample rate half channel, 1 GSa/s each channel • 20 kpts memory half channel, 10 kpts each channel • Color LCD display with wide viewing angle • 'True zoom' mode for viewing big picture and details • Sequence mode for record and playback of captured waveform • Selectable band pass filtering • Advanced triggering for capturing elusive signals. • Go/no go mask testing • Waveform math and FFT functions • Front panel overlay, • Minimum Standard 3-year comprehensive warranty 	5		
4	DSO(II)	<ul style="list-style-type: none"> • 200 MHz bandwidth • 2 analog channels • 2 GSa/s sample rate half channel, 1 GSa/s each channel • 20 kpts memory half channel, 10 kpts each channel • Color LCD display with wide viewing angle • 'True zoom' mode for viewing big picture and details 	2		

		<ul style="list-style-type: none"> Sequence mode allows record and playback of captured waveforms Selectable band pass filtering Advanced triggering captures elusive signals Go/no go mask testing Waveform math and FFT functions Front panel overlay, GUI and manual Minimum Standard 3-year comprehensive warranty 			
5	RMS Clamp Meter	Handheld clamp meter with 1000A AC current, Measurement facility <ul style="list-style-type: none"> AC & DC voltage, resistance, capacitance frequency, diode testing, continuity Minimum Standard 3-year comprehensive warranty	2		
6	Digital Multimeter	Handheld Digital Multimeter, 50000 counts, Measurement facility: dc & ac voltage, dc & ac current, resistance, frequency, continuity, capacitance, temperature, frequency counter, square wave output. Minimum Standard 3-year comprehensive warranty	6		
7	Digital Multimeter	Industry Standard Digital Multimeter, 6½ Digits: Measurement facility <ul style="list-style-type: none"> dc & ac voltage, dc & ac current, 2 & 4 wire resistance, frequency & period, continuity, diode test. GPIB, RS232, IntuiLink , SW connectivity supported , Minimum Standard 3-year comprehensive warranty	2		
8	Universal Programmer and IC Tester	<ul style="list-style-type: none"> IC Tester Windows compatible Serial Port Interface Internal Memory Supports PLD Vector tester USB to Serial Converter , Minimum Standard 3-year comprehensive warranty 	1		
9	Insulation Tester	<ul style="list-style-type: none"> Insulation test range: 0.01 MΩ to 10 GΩ Insulation test voltages: 50 V, 100 V, 250 V, 500 V, 1000 V Minimum Standard 3-year comprehensive warranty 	1		

10	LCR- Meter	<ul style="list-style-type: none"> • 20,000 counts resolution with dual display and backlight. • Simple operation with one button access to make inductance, capacitance and resistance measurements. • Visible and audible tolerance mode for easy capacitor sorting. • Four different testing frequencies. • Minimum, Maximum and Average readings recording. • Relative mode and Data Hold function. • Automatic calculation of phase angle, dissipation and quality factors. • Minimum Standard 3-year comprehensive warranty 	2		
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Make: Agilent/ Tektronix / Rhode & Schwartz except item no-8.

Total cost of the offer is Rs. _____ in words (Rupees _____

_____.

I abide by all the terms & conditions of the tender.

DECLARATION

1. The rates quoted are inclusive of all taxes and F.O.R University Stores.
2. The information given in the financial bid by the undersigned is correct.

SIGNATURE OF THE AUTHORISED SIGNATORY: _____

NAME OF THE SUPPLIER : _____

ADDRESS : _____
