

TENDER/QUOTATION

Ref. No.: PH3/20011/2012/FIST

Dated: 09.09.2011

ENQUIRY

LAST DATE OF SUBMISSION	23.09.2011
HOURS(I.S.T.)	5pm

Please quote your lowest rates for the following items so as to reach to Prof. T. Chattopadhyay, Head, Department of Physics, Siksha Bhavana, Visva-Bharati, Santiniketan-731235, W.B. on or before the date and time noted above, *Please see terms & conditions as mentioned below, which are essential*, the failure in compliance of which may lead to rejection of the quotation

Sl No.	Descriptions/Specifications	Quantity
1	<p style="text-align: center;">Equipment: <u>IV, CV ANALYZER</u></p> <p><u>TECHNICAL SPECIFICATION</u> The System must include: Atleast two DC source-measure channels (SMU) and one multi-frequency CV meter as detailed below.</p> <ol style="list-style-type: none">Each DC channel SMU must be capable of sourcing and measuring in the following range: <u>Voltage</u><ul style="list-style-type: none">Voltage Source: Atleast $\pm 10 \mu\text{V}$ to $\pm 200 \text{V}$Voltage Measure: Atleast $\pm 1 \mu\text{V}$ to $\pm 200 \text{V}$<u>Current</u><ul style="list-style-type: none">Current Source: Atleast $\pm 10\text{pA}$ to $\pm 100\text{mA}$Current Measure: Atleast $\pm 100\text{fA}$ to $\pm 100\text{mA}$Each DC channel must provide Atleast the following measuring functions:<ul style="list-style-type: none">Common; Bias; Sweep; StepThe multi-frequency CV module must support:<ul style="list-style-type: none">Measuring parameters: Cp-G, Cp-D, Cs-Rs, Cs-D, R-jX, Z-thetaFrequency range: 1KHz to 10 MHz or moreProgrammable DC output modes: Bias, SweepThe System must include PC operating capabilities as follows:	One

	<ul style="list-style-type: none"> - Standard operating system (e.g. Windows) - User interface and data storage functionality - Built-in GPIB, Ethernet, USB and RS-232 ports <p>Other requirements:</p> <p>Supporting accessories like Demo test fixture, GPIB to USB adapter etc. should be provided</p> <p>Standard warranty : 12 months from the date of Installation</p> <p>Vendor's should Quote separately for extended warranty & calibration services</p> <p>Vendor's to confirm Repair & Calibration support facilities in India.</p>	
2	<p>Equipment: <u>ELECTROMETER</u></p> <p><u>TECHNICAL SPECIFICATION</u></p> <p>DC Voltage : Range 10 μV- 200V Current Range : 1fA-20mA Resistance Range : 10Ω - 200TΩ Charge Range : 10fC-2μC</p> <p>The Instrument should have In-built Voltage source for I-V characterization. In -built IEEE and RS-232 Interface is required to connect with PC.</p>	One

Terms & Conditions:

1. The offers addressed to Prof. T. Chattopadhyay, Head, Department of Physics, Siksha Bhavana, Visva-Bharati, Santiniketan -731235, **MUST be sealed and marked as "Enquiry No. _____ Dated _____ Due Date _____ on the face of the envelope.**
2. Apart from other applications in respect of the quality, standard, terms etc., the offer should specially the points noted below, in the following order :

(i) Validity of offer Period of Delivery Place of Delivery (iv) Central Sales Tax/ VAT Sales Tax/Service Tax	(v) Excise Duty (vi) Insurance (vii) Packing and forwarding Charges and Freight	(viii) Other incidental charges. The rates and terms should be noted on F.O.R./F.O.B. basis or delivery at V.B.site
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3. Below are the details of the above points:
 - (i) Validity of the offer :-Here please mention the time (From _____ To _____) up to which your

quotations shall be current. The quotationer shall have no right to revise them within the period given here on the plea of fluctuations in the marker rate. Normally the validity of offer should be for a specified period of 90 days.

(ii) *Time of Delivery* :- State the period during which the supplies will be effected by you in full.

(iii) *Place of Delivery* :- Mention clearly the place of destination ,and mode of transit by which the supplies will be effected without any extra charges. The University will prefer F.O.R. Santiniketan prices in case of outstation suppliers,and delivery at our site in case of local suppliers.

(iv) *Central Sale Tax*:-State the present rates leviabale. In case the same is not applicable, mention '*Not Applicable*' and if the prices are inclusive of this sales tex, please write '*Included in Prices*'.**The S.T./VAT/I.T Pan No. or Registration Number (as the case may be) should invariably by the quoted in the offer, a photo copy of the latest clearance certificate of the above be enclosed with the offer will not be considered.**

(v) *Provincial Sales Tax* :- As detailed under (iv) above.

(vi) *Excise Duty* :- As detailed under (iv) above.(V.B. can provide Excise Duty exemption certificate wherever applicable)

(vii) *Insurance*:- If the rates are inclusive of insurance, please write '*Included in the prices*' otherwise state "*Not Included*". In case local suppliers where insurance is not necessary,they may mention '**Does not arise**'.

(viii) *Packing and forwarding charges* :- If these charges are accounted for in the prices quoted by you, please mention '*Included in prices*', otherwise please give an approximate charge thereof.If may noted that the University will pay only the actual expenses on these accounts.

(ix) *Other incidental charges*:- Other charges which are not fully accounted for by the replies given above, may be mentioned.

4. University reserves the right to accept /cancel any of the tender or part thereof without assigning any reason.
5. Suppliers having Rates Contract with Central or Provincial Government should quote along with a certificate copy of the current Government Rate Contract.
6. The offers must be accompanied by the related catalogues, leaflets, brochures and samples wherever possible. While every effort is made to return the samples to the suppliers, the HOD/P.I./Coordinator/Indenter cannot accept any responsibility in this respect.
7. All quotations should be net, after showing discounts etc.
8. If the terms of the quotation etc. are vague, incomplete, contradictory and confusing, the offer will be rejected without any explanation.
9. The suppliers will be informed of the decision in due course in case of decision in their favour and any interim enquiries about offers will not be attended to.
10. Once the offer is accepted by the HOD/P.I./Coordinator/ Indenter and the order is placed on the basis,

the suppliers will have to deliver the goods accordingly within the stipulated time, or meeting the compensation for loss, if any, on account of non execution of the supply order.

11. Liquidated Damage : Visva-Bharati reserves the right to impose liquidated damage as and when required; the rate of penalty will be at par with the same of the Govt.of India's instruction.
12. Bank commission where applicable will have to be borne by the supplier.
13. All disputes subject to "Bolpur, Birbhum,W.B. jurisdiction" only.

Prof. T. Chattopadhyay
Head, Department of Physics
Siksha-Bhavana, Visva-Bharati,
Santiniketan-731235, W.B.