



GURU GHASIDAS VISHWAVIDYALAYA, BILASPUR (C.G.)

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Ref: Physics/LTE/918/2016

Date: 08.02.2016

To,

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Subject: limited Tender Enquiry

Sir,

Please submit your competitive rates for supply & installation of the following article as mentioned

below in the prescribed proforma Annexure-I to the **Dr. Pradip Das (Principal Investigator)**, Dept. of Pure and Applied Physics, Guru Ghasidas Vishwavidyalaya, Koni, Bilaspur - 495009 (C.G.) on or before 03.03.2016 (3:00 p.m.) through Speed post/Registered post only. Received tenders will be opened on 03.03.2016, 05:00 p.m. at the above address. Tenders received after due date & time will not be considered. Any non compliance from prescribed specifications shall lead to cancellation of tenders.

Item No	Item	Parameter	Specifications	Quantity
01	DC CURRENT SOURCE	Functions	Provide for Delta Mode Resistance; Differential Conductance; Pulse measurements.	1
		Range	2 nA – 100 mA.	
		Programming Resolution	100 fA – 10 uA.	
		Accuracy	0.4% + 2pA. TO 0.1%+50uA.	
		Output Resistance / Capacitance	>10 T Ohms / <100pF (2nA; 20nA).	
		Voltage Compliance.	100mV – 105V Programmable	
		Output Power.	11 W.	
		Program Memory	Upto 64K	
		Output.	3- Lug Triax Connector.	
Hardware Architecture.	Should provide for Guarded measurement. Common mode Voltage 250 V RMS. IEEE-488.2 & RS232 Interface; Ethernet; Digital I/O; External Trigger Input / Output. Safety Interlock capability.			

2	NANOVOLTMETER (Two Channel Nano-Voltmeter.)	Functions	Provide Measurements for: Delta Mode; Differential Conductance; Pulse; Ratio; Temperature; Maths; Analog Output.	1
		Display.	7 1/2 Digits.	
		Range: Channel 1 / Channel 2.	10 mV – 100V / 100 mV – 10V DC	
		Resolution: Channel 1 / Channel 2.	1 nV – 10 uV / 10 nV – 1uV DC	
		Accuracy	+ / - 0.002%.	
		Input Resistance.	>10 G Ohms. (>10M Ohms on 100V range)	
		DC Input Bias Current.	<60 pA (-10 to5V); <120 pA (5 to10V) DC	
		Noise @ 1sec response.	25 nV Pk-Pk. (10mV Range)	
		Noise @100 Ohms Source Resistance.	8 nV Pk-Pk.	
		Program Memory	1024 Readings.	
		Temperature Measurement.	Using Thermocouples type: J;K;N;T;E;R;S;B.	
		Temperature Range	-200 Deg.C upto +1800 Deg.C.	
		Temperature Display.	Deg. C; F; K.	
		Input.	Miniature Limo Connector.	
		Input protection.	150V Pk-Pk.	
		Channel Isolation.	>10 G Ohms.	
		Earth Isolation.	350 V Pk-Pk.; >10G Ohms & <150pF.	
		Analog Output	+/-1.2V max.; 1KOhms; with adjustable gain.	
		Triggering.	Should provide for delay upto 99 Hrs.	
		Hardware Architecture.	Should provide for Math functions (Rel; Min-Max; Ave; Std.Dev; Pk-Pk; limitTest; mX+b) IEEE-488.2 & RS232 Interface; External Trigger Delay.	
Power requirement	230V AC, +/- 10%; 50Hz- 400Hz.			

General terms & conditions of the supply

1. The tenders have been invited under two bid system i.e. Technical Bid and Financial Bid. The interested agencies/firms are advised to submit two separate sealed envelopes superscribing “Technical Bid” and “Financial Bid”. Both sealed envelopes should be kept in a third big sealed envelope superscribing “Tender **FOR SUPPLY/INSTALLATION**”
“Ref:/Store/...../2016 Dated 08.02.2016”.
2. **Envelope I (Technical Bid):** The vendor must submit the following documents in Envelope-I (Technical Bid):
 - a. Detailed technical specifications and literature/manuals of the goods/services to be supplied.
 - b. Technical compliance statement with deviation, if any
 - c. Authorized partner/dealer/distributor certificate from the original manufacturer.
 - d. Credentials and list of organizations where the vendor supplied similar items in last 3 years.
 - e. Documentary proof in support of PAN , VAT/TIN No. and Service Tax No.

Envelope II (Price Bid):

The vendor must submit the Price Bid information mentioning all taxes/duties FOR University campus, Bilaspur in the prescribed proforma **Annexure-I**. The price should be quoted in words and in figures, without any errors, erasures or alterations. Unit price of each product and accessories should be quoted separately. Maximum educational discount for University as could be offered should also be mentioned.

3. **Make/Brand:** The bidder should mention the make/brand of the quoted article for which he is OEM/authorized distributor/stockist/dealer. The authorization certificate, technical brochure/leaflet etc. should be submitted along with the quotation.
4. The Cost of the equipment/instrument/article should be inclusive of all taxes and statutory levies. Labour / installation charges, packing, insurance, freight etc. should be mentioned separately (inclusive of all taxes liveable on them). For imported goods price to be quoted CIP Kolkata and in case of local firms they should quote FOR Guru Ghasidas University Campus, Bilaspur. Unit price of each product and accessories should be quoted separately. Maximum educational discount for University as could be offered should also be mentioned. The University is **exempted from payment of custom and excise duty** on Scientific and technical equipment/instruments by DSIR, Govt. of India. Necessary certificate will be issued on demand.
5. **Custom Clearing:** Custom Clearing at Kolkata/New Delhi Airport will be carried out by the University authorized clearing agent.
6. If the items are under DGS&D rate contract, the quoted price should not be more than the DGS &D rate.
7. **Discount, if any:** Special concession/discount applicable for Educational Institutions, if any, must be clearly mentioned at the time of submission of quotation.
8. No packing/forwarding charges will be paid extra.
9. University will not be responsible for any postal delay or non-receipt of the tender.
10. The article must be delivered without any extra cost at the University Institute and will also have to be installed free of cost.
11. The University is **exempted from payment of custom and excise duty** on Scientific and technical equipment/instruments by DSIR, Govt. of India. Necessary certificate will be issued on demand.
12. **Validity of rate:** The quoted rate should be valid for a minimum period of 90 days.
13. **Delivery period:** The article to be delivered& installed within 30 days from the issue of P.O.
14. **Liquidated Damages:** Any delay in supplying the article from the stipulated date of delivery, will attract LD. Liquidated Damage will be applicable at the rate of 0.5% per week and limited to 10% maximum. The authority reserves the right to cancel the purchase order when LD accumulates to 10%.
15. **Warranty:** One year comprehensive on-site warranty shall be applicable to the supplied goods for all manufacturing defects from the date of satisfactory installation, commissioning, demonstration and acceptance.
16. **Performance Security:** The successful bidder must submit Performance Security of 5% of the ordered value, on the goods/services supplied irrespective of the origin, before the release of payment by Demand Draft or Bankers Cheque or Bank Guarantee from any Nationalized Bank. Otherwise, the **same amount will be deducted** from the billed amount. On satisfactory completion of the warranty period of 1 year (12 months), **Performance Security** will be released free of any interest on demand.
17. **Payment:** 100% payment will be made after supply and installation of ordered quantity of article at our end in good condition. No advance payment request will be entertained.
18. **CST/VAT** will be paid extra, if applicable provided it is made clear in the quotation.

19. Unsealed quotations will be rejected and quotations must reach on or before the due date through Speed post/Registered post / courier only.
20. University reserves the right to accept or reject any quotation without assigning any reason thereof.
21. All disputes will be subject to Bilaspur jurisdiction only.

Dr. Pradip Das
Principal Investigator