

**GURU GHASIDAS VISHWAVIDYALAYA****KONI, BILASPUR-495 009 (C.G.) INDIA, - 495 009**

(A Central University established by the Central Universities Act, 2009, No.25 of 2009)

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Ref. No 773/Store/SAIF/2013 EOI cum Tender bid Bilaspur, Date- 11/09/2013

Guru Ghasidas Vishwavidyalaya, Bilaspur invites EOI cum tender bid from reputed Original Equipment Manufacturing Companies their authorized partners/agents/distributors to supply laboratory equipment/instruments/accessories for the SAIF approved by Department of Science & Technology , GOI. Interested bidder shall submit bids in two parts (Part A – Technical and Part B – Financial) for supply, installation & commissioning of the items listed in Schedule-I in EOI cum tender bid document. EOI cum tender bid fee of Rs.1,000/- (Non-refundable) by Demand Draft drawn in favor of “Registrar, Guru Ghasidas Vishwavidyalaya” payable at Bilaspur (C.G.) to be submitted along with EOI cum tender bid. Sealed Envelope should be addressed to the Head, SAIF, Department of Pure & Applied Physics, Guru Ghasidas Vishwavidyalaya, Bilaspur (C.G.) - 495009 India through speed/Registered post only and should reach on or before 1600 hrs, 07/10/2013 Received tender will be opened on 07/10/2013 at 1700 hrs at the mentioned address in the presence of bidders or their representatives. Tender received after due date & time will not be considered. For more details and any information/updates please visit www.ggu.ac.in regularly.

Registrar



Guru Ghasidas Vishwavidyalaya, Bilaspur (C.G.)

Website: www.ggu.ac.in Phone: 07752-, 260381 FAX: 07752-260154, 260148

Ref. No. 773 /Store/SAIF/2013

Bilaspur, Date- 11/09/2013

EOI cum Tender bid

For equipments approved under sophisticated Analytical Instrumentation Centre (SAIF) from by the Department of Science & Technology, Govt. of India, New Delhi.

Guru Ghasidas Vishwavidyalaya, Bilaspur (A Central University) invites Expression of Interest cum tender bid from reputed Original Equipment Manufacturing Companies or their authorized partners/agents/distributors to supply of various laboratory equipments/instruments/accessories. The interested bidder should submit bids in two parts (Part A – Technical and Part B – Financial) for supply, installation & commissioning of the items listed in Schedule-I in EOI cum TENDER bid document. EOI cum tender bid fee of Rs.1,000/- by Demand Draft drawn in favour of “Registrar, Guru Ghasidas Vishwavidyalaya” payable at Bilaspur (C.G.) to be submitted along with EOI cum tender bid.

1. Bids in two parts (Part A – Technical and Part B – Financial) for supply, installation & commissioning of the items listed in **Schedule-I** in EOI cum tender bid notice can be submitted by Speed post/Registered post only by superscribed the envelope “BID FOR ITEM No. EOI cum tender bid No. to the Head, SAIF, Department of Pure & Applied Physics, GGV, KONI, Bilaspur-495 009 (C.G.) India and should reach on or before 1600 hrs on 07/10/2013
2. Technical Bids will be opened on 07/10/2013 at 5.00 PM in the office of Head SAIF, Department of Pure & Applied Physics, Guru Ghasidas Vishwavidyalaya, Bilaspur (C.G.)
3. Date of opening of financial bids will be intimated later on through the university website www.ggu.ac.in
4. **Two Bid System:** Vendor will place the “Technical Bid” and “Financial Bid” in the separate sealed covers. Thereafter, both the envelopes should be placed in a big envelope duly sealed and super scribed “BID FOR ITEM No EOI cum tender bid No.”.

The University is not responsible for non receipt of tenders within the specified date and time due to any reason including postal holidays or delays.

Envelope I (Technical Bid): The vendor must submit the following documents in Envelope-I (Technical Bid):

- a) Bidder Profile
- b) Detailed technical specifications and literature/manuals of the goods/services to be supplied.
- c) Technical compliance statement with deviation, if any
- d) Authorized partner/dealer/distributor certificate from the original manufacturer.
- e) EOI cum tender bid fee of Rs.1,000/- by Demand Draft drawn in favour of “Registrar, Guru Ghasidas Vishwavidyalaya” payable at Bilaspur (C.G.)

Envelope II (Financial Bid):

The vendor must submit the Price Bid information mentioning all taxes/duties FOR University campus, Bilaspur. 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.

5. **Offer validity period** : The offer should hold good for a period of 120 days from the closing date of the tender. Any offer falling short of the validity period is liable for rejection.
6. **Performance Guarantee:** Performance Security for an amount of 5% of the order value may be furnished in the form of an Account payee Demand Draft, Fixed Deposit Receipt from a Commercial bank or Bank Guarantee from a Commercial bank in an acceptable form by the successful bidder. Performance Guarantee is to be furnished within 21 days after notification of the award and it should remain valid for a period of 60 days beyond the date of completion of all contractual obligations of the vendor, including warranty obligations.
7. The Cost of the equipment 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 CIF Kolkata/Delhi/Mumbai 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.
8. University reserves the right to carry out a technical inspection and performance evaluation (benchmarking) of the offers made by shortlisted vendors. The shortlisted vendors may be asked to come and give out presentation / demonstration.
9. **No commitment to accept lowest or any bid:** University shall be under no obligation to accept the lowest or any other offer received in response to this tender notice and shall be entitled to reject any or all offers including those received late or incomplete offers without assigning any reason what so ever. University reserves the right to make any changes in the terms and conditions of the bid. University will not be obliged to meet and have discussion with any vendor, and or to listen to any representations.
10. **Shortlisting of Vendors:** University will create a shortlist of technically qualifying vendors and the financial bid of only these vendors will be opened. University reserves the right to decide whether the items being quoted are as per the requirement of the University and are of standard/leading brands in the market. University reserves the right to decide which offer best suits the requirement of the university. Further, after opening financial bids of the short listed tenders, if there is a discrepancy between word and figure, the amount indicated in words will prevail.
11. **Warranty:** The vendor shall provide comprehensive on-site Warranty for the system/equipment supplied against the work order for a min. period of 1 year from the date of installation and commissioning of the system/equipment. This would cover the hardware, hardware components, system software, equipment and accessories supplied by the vendor at the place of installation.
12. **Delivery period:** For imported goods the complete delivery, installation & commissioning of both the equipments/instruments should be made within 12 weeks from the date of issue of order. For indigenous goods it is 8 weeks.
13. **Resolution of disputes:** University and the vendor shall make every effort to resolve amicably, by direct informal negotiations, any disagreement or dispute arising between them under or in connection with the contract. If after thirty days from the commencement of such informal negotiations, University and the vendor have been unable to resolve amicably a resolution by formal arbitration the Vice-Chancellor of University shall appoint a sole Arbitrator of the dispute who will not be related to the vendor and whose decision shall be final and binding.
14. **Jurisdiction** : All disputes will be subject to Bilaspur jurisdiction only.

15. **Custom Clearing:** After arrival of the goods at Airport/Seaport, Indian agent or Indian subsidiary of the principal firm is solely responsible for getting the material clearance from customs. University will provide all custom documents for custom clearance on the demand of agent. Transportation from airport to Guru Ghasidas University, Bilaspur campus is also the responsibility of authorized agent. All charges/ expenses incurred in this process will be reimbursed to firm after submitting the bill along with documentary proof in original. Please note that the freight forwarder or clearing agent should be approved from IATA . **NO DEMURRAGE / WHARFAGE CHARGES WILL BE PAYABLE BY THE UNIVERSITY UNDER ANY CIRCUMSTANCES.** NO ADVANCE PAYMENT WILL BE PAYABLE FOR CUSTOM CLERANCE/ FREIGHT / INSURANCE ETC. However the University can also appoint Custom Clearing Agent if required.
16. The vendor should adhere with all seriousness to the time schedule provided by the University. The **Liquidated Damage** will be applicable at the rate of **0.5%** per week. The purchaser has the right to cancel the purchase order when LD accumulates to 10 %.
17. The specification & quantity indicated in the **Schedule-I**. University reserves the right to increase or decrease the quantity or delete some or all of items depending on the needs of the University without assigning any reasons.
18. The bids will be opened on due date and time indicated in presence of the bidders if any present on the occasion, if the date of the opening is declared holiday the bids will be opened on next working day.
19. For imported goods, the payment will be made through Letter of Credit. No advance payment will be made. Payment will be made after the receipt, inspection and installation/testing of the goods.
20. University reserves the rights of accepting in full or part/not accepting the tenders without assigning any reason.
21. Any addition/deletion/modification of this tender made before the due date of the tender will be displayed in university website only.
22. PI visit university website regularly for any information/updates.

Registrar (Acting)

Bidder profile (Technical)

Sr. No	Details	
1.	Name of the Firm	
2.	EOI cum tender bid Fee Details Name of Bank Amount Date	
3.	Registered Office address Telephone Number Fax Number e-mail	
4.	Correspondence/ contact address	
5.	Details of Contact person (Name, designation, address etc.) Telephone Number Fax Number e-mail	
6.	Is the firm a registered company? If yes, submit Documentary proof. Year and Place of the establishment of the Company	
7.	Bidder's Bank Details Name of Bank A/c No. IFS Code	
8.	Is the firm Government/ Public Sector Undertaking propriety firm partnership firm (if yes, give partnership deed) limited company or limited corporation member of a group of companies (if yes, give name and address, and description of other companies) subsidiary of a large corporation (if yes give the name and address of the parent organization) If the company is subsidiary, state what involvement if any, will the parent company have in the project.	

9.	Is the firm registered with sales tax department? If yes, submit valid sales tax registration certificate.	
10.	Is the firm registered for service tax with Service Tax department? If yes, Submit valid service tax registration certificate.	
11.	What type best describes your firm? · Manufacturer · Supplier · System Integrator · Consultant · Service Provider (pl. specify details) others	
12.	Details of Empanelment Certificate/Purchase Order of any 3 PSUs / Govt. institutions, enclosed 1)	
	2)	
	3)	
13.	Have you ever been denied tendering facilities by any Government/ Department/ Public sector Undertaking? (Give details)	

Financial Information Summary

S. NO	Name of the Bidder	Turn Over (Rs. Crores) Total of 3 Financial Years			Average Turn Over for three years
		2010-11	2011-12	2012-13	

Note : Please enclose certificate issued by CA in this regard.

Seal & Signature of Bidder

DECLARATION

1. I, ----- Son /Daughter of Shri -----

----- Proprietor/ Partner/ Director/ Authorised Signatory of M/s. -----

----- am competent to sign this declaration and execute this EOI cum tender bid document.

2. I have carefully read and understood all the terms and conditions of the EOI cum tender bid and hereby convey my acceptance of the same.

3. The information/ documents furnished along with the above application are true and authentic to the best of my knowledge and belief.

4. I/ we/ am are well aware of the fact that furnishing of any false information/ fabricated document would lead to rejection of my bid at any stage besides liabilities towards prosecution under appropriate law.

5. Our firm is neither blacklisted by any Government Department nor any Criminal Case is registered against the firm or its owner or partners or directors anywhere in India.

Signature of the Authorised Person

Date : -----

Full Name : -----

Place : -----

Company Seal : -----

Mobile No.- -----

Note : 1. The above declaration, duly signed and sealed by the authorised signatory of the firm/company, should be enclosed with the EOI cum tender bid document.

2. Certificate as per above must be submitted only on non-judicial stamp paper of suitable amount.

Annexure-II

Please quote rates for apparatus separately or in a list for the items in Schedule -I

Financial Bid

For Indigenous Items

Item No.	Name of Instruments & Specification	Unit Price	CST/VAT/Tax if any,	Total Unit Price

For Foreign Items, If coated

Item No.	Name of Instruments & Specification	Name of Manufacturer	Unit Price	CST/VAT/Tax if any,	Total Unit Price CIP/DDU/CIF/FOR Kolkata/Mumbai/Delhi/Bilaspur Price

Other terms & Conditions required should also be enclosed with the bid.

Technical Specifications of Instruments under SAIF

Item no. -1

Detailed Technical Specifications of “Transmission Electron Microscope (TEM)”- Qty-01

Accelerating voltage = 200 kV

Resolution

SEM image (edge to edge) $\leq 0.5\text{nm}$ (at 200 kV)

TEM lattice image 0.1nm (at 200 kV)

Magnification (on 24-inch wide LCD)

SEM (MAG) 200 to 150,000,000x

TEM (MAG) 50 to 20,000,000x

Electron Gun

Electron Gun LaB6 or Schottky-type electron gun

Accelerating voltage 50kV - 200kV

Specimen Stage

Stage Eucentric side-entry goniometer stage

Specimen size 3mm diameter

Tilt angle X: $\pm 25^\circ$ Y: $\pm 30^\circ$ (with double tilt holder)

Movement range X, Y: $\pm 1.0\text{mm}$ Z: $\pm 0.2\text{mm}$

Sample preparation unit:

1. Ultrasonic disc-cutter
2. Pre-thinning disc/Automatic Unit
3. Dimpling
4. Ion milling
5. Electro-polishing
6. Ultra-microtome
7. Cross section polisher

Item no. -2

Detailed Technical Specifications of “400 MHz FT-NMR Spectrometer” -Qty- 01

- FT-NMR spectrometer at 400 MHz with specially shielded superconducting magnet at 9 Tesla superconducting magnet, radial stray field preferably <0.7m
- Magnet drift <4Hz/hr
- Liquid helium hold time of > 365 days
- Liquid helium transfer line
- At least 20 room temperature shims for a higher homogeneity
- Receiver with quadrature detection and elimination of quadspikes and other artifacts
- Deuterium lock channel with variable lock frequency/field
- 2 Broadband channels (digital frequency synthesis) each 6-450 MHz, with 1H, 2H and Broadband preamplifiers
- ¹H pulse power 50-60W and BB pulse power 135-150 W
- Phase resolution < 0.01 degree and frequency resolution < 0.005 Hz or better
- ¹H and ¹³C probe with automatic probe changer
- One H/C probe with Deuterium locking and decoupling along with Z-gradient options.
- PC Host computer, Windows system software
- Broadband probe with direct ¹⁹F{¹H} capability including automatic tuning and matching
- Gradient electronics preferably with gradient shimming
 - NMR software for 1D and 2D acquisition and processing
- Advanced software for structure determination (CMC) with license from NMR data
- Variable temperature operation below and above ambient (-150 °C to +300 °C) or more
- Liquid Helium and Liquid Nitrogen transfer line
- Helium and Nitrogen level measuring kit and the corresponding automatic displays
- Liquid Nitrogen refilling kit
- HRMAS accessory with 4 mm probe
- Additional processing license

Item no. -3

Detailed Technical Specification of GC-MS Qty - 01

- **Ionization mode:** Electron ionization (EI) and Chemical ionization (CI) with positive and negative ionization modes
- **Source temperature:** up to 350 °C and more
- **Electron energy:** adjustable from 10 to 150 eV
- **Mass filters:** High ion transmission efficiency lens-less design
- **Mass Range (m/z):** 1 to 1200 Dalton or more
- **Resolution:** adjustable from unit (0.7 Da) to 4 Da
- **Mass axis stability:** $<\pm 0.1$ Da over 24 hours
- **Scan rate:** up to 14,000 Da/sec
- **Detector:** electron multiplier with ± 5 kV post acceleration
- **Turbo molecular pump:** 400 L/sec, air-cooled for helium carrier gas flow up to 25 mL/min
- **GC oven temperature:** up to 450 °C with temperature ramps
- NIST MS library and search program
- Provision for solid, liquid and slurry samples
- Option for column back flash

Signature

Head SAIF, Department of pure & applied Physics, GGV, Bilaspur

