



झारखण्ड केन्द्रीय विश्वविद्यालय Central University of Jharkhand

Brambe, Ranchi, Jharkhand, 835205

CUJ/C0E-GEET/NIT/2014/1

Dated: 29-12-2014

Sealed quotations are invited for the articles enclosed in the separate sheet subject to the terms and conditions given below. The quotation should be addressed to Prof. S.K.Samdarshi, (P.I. of the Project), Centre for Energy Engineering, Central University of Jharkhand, Ratu-Lohardaga Road, Brambe, Ranchi, 835205 and should reach on or before 18/01/2015. Quotations will be opened on the next working day.

TERMS AND CONDITIONS

1. Quotations without any erasures and overwriting must be submitted in sealed cover addressed to the, Prof. S.K.Samdarshi, Centre for Energy Engineering, Central University of Jharkhand, Ratu- Lohardaga road, Brambe, Ranchi- 835 205 super- scribed Tender/ Enquiry No. and the due date failing which, quotation may be ignored. Tender/ quotation should be sent through Post/ Courier/ By Hand.
2. The rate quoted should be inclusive of all packing, forwarding, commissioning & installation, sales tax, freight and insurance charges and should remain valid for our acceptance for minimum period of six (6) months from the due date of opening of the quotations. The quotation should be CUJ consignee's site basis i.e. Central University of Jharkhand, Ratu Lohardaga Road, Brambe, Ranchi.
3. Manufacturer's name of company of origin of materials offered must be clearly specified. Complete details of illustrated literatures/ or drawings, in original (not photocopies), if any must accompany all quotations.
4. The University will not entertain requests for revision in prices once quoted for whatever reason after the tenders are opened during the period of contract.
5. All goods must be delivered at our University at Ratu- Lohardaga Road, Brambe, Ranchi for inspection by our inspecting authority.
6. Full payment will be made within 30 days of the receipt and acceptance after inspection of supplies at destination. The quotations containing different payment terms are liable to be ignored.
7. All goods must be delivered at our university at Ratu- Lohardaga road, Brambe, Ranchi (Stores & Purchase Section) after confirmed order. The University will provide DSIR certificate, Educational certificate if necessary. The University will not be responsible for issuing any Road Permit.
8. Only Manufacturer/ Authorized dealer/ firms of repute dealing in the items listed in the quotation having experience in sale and repair/ maintenance, need apply.

9. Only latest models/ mentioned models of items need to be quoted.
10. It should be mentioned specifically whether price quoted includes all taxes and duties. Salestax and/ or other duties legally liable and intended to be claimed should be distinctly shown in the tender.
11. VAT/CST Registration Number and its validity should be indicated. Documentary evidences be supplied/ attached to the tender documents.
12. All rates shall be indicated both in words and figures. Where there is difference between the rates quoted in words and figures, rate quoted in words will prevail.
13. The supplier shall make delivery of the items within the stipulated period from the placement of the purchase order. The purchase order would be placed after assessing the requirement and hence, actual quantity may increase/ decrease
14. The Tender Document for items will be Two- Bid system consisting of Technical Bid and Price Bid. The Tender Document will be submitted item-wise in two separate sealed covers clearly mentioning on the envelope the details of items for which Bid is submitted.
15. The Bidder must enclose point wise compliance of the technical specifications of each item.
16. The price of Tender Document is **Rs. 1000/- only** (One Thousand rupees only) (nonrefundable). The Tender Document price may be attached to the Technical Bid in the form of Bank Draft in favour of "Central University of Jharkhand" payable at Ranchi.
17. **The Tender Documents comprising of Price- Bid, Technical Bid and Earnest Money Deposit (refundable) mentioned against each item** in the form of Bank Draft in favour of "Central University of Jharkhand" payable at Ranchi kept in the separate envelope super- scribed with the name of the same must be deposited. The Tender Document must be enclosed with Earnest Money Deposit otherwise the tender document will be rejected. All the documents must be enclosed in a bigger size envelope super- scribed with the tender number and item name.
18. Only those Manufacturers liable to participate having ISO 9001 and ISO 14001 certification.
19. All legal disputes shall be under the jurisdiction of Jharkhand High court, Ranchi.
20. The University reserves the right to accept or reject any Bid, without assigning any reason thereof. No correspondence in this regard will be entertained.
21. All the participating firms should attach supporting documents in favour of:
 - a) Have at least 5 years of experience in the field.
 - b) Have an annual turnover of at least **Rs. 50 Lakh** per annum for each of the last 3 years (i.e. 2010-11, 2011-12 & 2012-13) (Agency should produce a certificate from their Audit Firm in respect of turnover for the mentioned period)
 - c) Be registered with Directorate of Industries or Small Scale Industries or any other appropriate authorities.
 - d) Have valid TIN Number for registration under VAT/CST
 - e) Have PAN for Income Tax. Supporting documents for Income Tax return for the last Two years (i.e. 2011-12, 2012-13).
 - f) Documents as proof in respect of Technical bid along with supporting documents.
 - g) Profile and Track Record of the agency. (3 years)

- h) Copy of signed Balance Sheets of last three years.
- i) Detailed terms & conditions regarding performance/ warranty/ bank guarantee/ Inspection/LD/ penalty for delayed supplied will be elaborated in purchase order. For proprietary items/ single manufacturers or Government manufacturers, proper certification in original is to be attached along with the Technical Bid.

List of Instruments

S.No	Name of the Instrument	Specifications	EMD (in Rs.)
1	Bench Top X-Ray Diffractometer	Tube Load : 300 – 600 W Tube Voltage : 20 -40 kV Tube current : 10-30 mA Radiation enclosure: Included Source : Cu Scanning Method : \square - 2 \square Sample holder: Different sample holders Filter: K β elimination and other appropriate Filter Detector: Appropriate detector Cooling arrangement: Proper cooling arrangement; Other: UPS for XRD with 1h back up; Computer/printer with UPS for 30 min backup; Software: Standard Softwares	80000.00
2	UV-VIS-NIR Spectrophotometer with Diffuse Reflectance Attachment(UV-VIS-NIR-DRS)	Wavelength Range : 190-3300 nm Beam: Double Beam Spectral Bandwidth : both for UV-Vis and NIR in ~ fraction of nm range Cell: 1.0 ml and 3.0 ml quartz (UV/Vis/NIR) Sample holder: Powder and Solid sample holder Software : Suitable for the instrument Attachment: Suitable integrating sphere for DRS attachment	40000.00
3	Fluorescence Spectrophotometer	PC controlled Fluorescence spectrophotometer for Research purpose with ozone free xenon lamp and power supply. Entrance: Continuously adjustable entrance and exit slits (no stepwise) operated under computer control. Operational specification: Capable of automatic acquisition of corrected emission and excitation spectra, synchronous luminescence spectra, and kinetic studies. Upgradability: Further possible upgradation for TCSPC (Time Correlated Single Photon Counting) technique for lifetime measurement. Future possible attachment of polarizer system. The instrument will have the following detailed technical specification: Detection: Photon counting technique Optics: All reflective optics for focusing at all wavelengths Excitation source: Ozone free xenon arc lamp Excitation and Emission Monochromator: Czerny-Turner design Excitation range: 200 - 900 nm Emission range: 200 - 900 nm Band pass: 0 to 30 nm, continuously tuneable through software Wavelength accuracy: ± 0.6 nm or better Scan speed: variable with maximum 80 nm/sec Integration time: 1 ms to 150 sec Emission detector: Photomultiplier Tube, 200 - 850 nm Reference detector: Silicon photodiode for excitation correction Sensitivity: >5,000:1 (FSD value) for water Raman signal (Ex: 350 nm, Bandpass: 5 nm, Integration time: 1 sec.) Additional accessories need to be supplied (a) Quartz Cuvette open top with lid, 10mm path length, volume 3 ml (2 nos). (b) Set of cut-off filter (5 nos.) with filter holder	30000.00