



झारखण्ड केन्द्रीय विश्वविद्यालय Central University of Jharkhand

Brambe, Ranchi, Jharkhand, 835205

CUJ/CEE/ BP/SYS/2015/01

Dated: 09-01-2015

Sealed quotations are invited for the article enclosed in the separate sheet subject to the terms and conditions given below:

The quotation should be addressed to Dr. Basudev Pradhan, (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 **01/02/2015**.

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, Dr. Basudev Pradhan, 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, 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. Sales tax 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) (non-refundable). 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 of Rs. 10,800.00 only (Rupees Ten Thousand Eight Hundred only) (refundable)** 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. 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.
 - j) For proprietary items/ single manufacturers or Government manufacturers, proper certification in original is to be attached along with the Technical Bid.

Dr. Basudev Pradhan
(P.I.)

List of Instrument

Item name	Description of items		Quantity
	Feature	Specification	
UV-Vis Spectrophotometer	Source	Full-spectrum Xenon lamp with typical lifetime of 10 years	1
	Monochromator	Czerny-Turner	
	Grating:	Holographic, 27.5 x 35 mm, 1200 lines/mm	
	Beam splitting system	Beam splitter	
	Detectors	2 silicon diode detectors for simultaneous sample beam and reference beam measurements	
	Optical design	Double beam Czerny-Turner monochromator	
	UV-Vis limiting resolution (nm)	≤ 1.5 nm	
	Wavelength rang	190–1100 nm	
	Wavelength accuracy	0.06 at 541.94 nm	
	Wavelength reproducibility	0.01 nm	
	Photometric accuracy	Using NIST 930E filters at 1 Abs is ± 0.0007 Abs	
	Photometric range	± 4.0 Abs	
	Photometric reproducibility (Abs)	Standard deviation for 10 measurements < 0.00050 Abs	
	Photometric stability	500 nm, 10 s SAT, after 30 min warmup <0.0004 Abs/h	
	Baseline flatness	200 to 850 nm, baseline corrected 0.0004 Abs	
	Sample compartment access	Top and front	
	Spectral bandwidth	Fixed at 1.5 nm (approximately)	
	Maximum scan rate	More than 15,000 nm/min	
	Data interval	0.15–5.0 nm	
	Repetitive scanning	2000 data points per minute, maximum number of cycles:	
Data collection rate	80 data points/second		
Temperature monitor	Temperature probe inside		
Minimum sample volume	0.5 µL		
Accessories	<ul style="list-style-type: none"> a) Substrate holder for both thin film and liquid (cell 1ml and 3.5 ml UV Quartz), b) USB cable and power cord. c) Softwares d) Work Station PC, 19" TFT-LED Monitor & Printer e) 1 KVA Online UPS 		