

झारखण्ड केन्द्रीय विश्वविद्यालय, राँची
CENTRAL UNIVERSITY OF JHARKHAND, RANCHI
(संसदीय अधिनियम के तहत 2009 में स्थापित केन्द्रीय विश्वविद्यालय)
(A Central University established by an Act of Parliament in 2009)
www.cuj.ac.in

Ref no. CUJ/ P&S/IWEM/122/2013

Dated: 06-04-2013

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 The Stores Officer Central University of Jharkhand, Ratu-Lohardaga Road, Brambe, Ranchi, 835205 and should reach on or before **30-04-2013**. Technical bid will be opened on the next working day i.e **01-05-2013**.

TERMS AND CONDITIONS

1. Quotations without any erasures and overwriting must be submitted in sealed cover addressed to the Stores Officer, 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, 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 distributor/ firms of repute dealing in the items listed in the quotation having experience in sale and repair/ maintenance may apply. In case of dealer, tender specific Authorization in original from the manufacturer should be attached with the Technical Bid.

9. Foreign Manufacturers should have their own office in India along with Technical Support/ Service Support for better after sales service.
10. Only latest models of items need to be quoted.
11. It should be mentioned specifically whether price quoted includes all taxes and duties. Sales tax and/ or other duties legally leviable and intended to be claimed should be distinctly shown in the tender.
12. VAT/CST Registration Number and its validity should be indicated. Documentary evidences be supplied/ attached to the tender documents.
13. 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.
14. 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.
15. 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.
16. The Bidder must enclose point wise compliance of the technical specifications of each item.
17. 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.
18. The Tender Documents comprising of Price- Bid, Technical Bid and **Earnest Money Deposit** of **Rs. 39000.00** only (**RupeesThirty Nine Thousand** 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.
19. Only those Manufacturers liable to participate having ISO 9001 and ISO 14001 certification.
20. All legal disputes shall be under the jurisdiction of Jharkhand High court, Ranchi.
21. The University reserves the right to accept or reject any Bid, without assigning any reason thereof. No correspondence in this regard will be entertained.
22. 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 2009-10, 2010-11 & 2011-12) (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 2010-11, 2011-12).
- 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

Chairman
(Academic Purchase)

For Specification refer next page:

For any queries please contact: chairmanapc@cuja.ac.in

SI No.	Description of items (Hydraulic Machine Lab)	Quantity
1.	Multistage Centrifugal pump (with motor) test rig Test rig consisting of minimum two stage centrifugal pump-set: Discharge 23 LPM, max. head 24 m; Variable speed DC motor, 0.5 hp, 3000 rpm; measuring tank 60 Ltr non-corrosive PVC tank with level indicator; Sump Tank: 150 Liters non-corrosive PVC tank; Pressure gauges: 0-4 kg/cm ² ; Vacuum gauge : 760 mm; Digital stop watch; Voltmeter, Ammeter; Stand : MS structure with powder coating; RPM indicator with sensor range 0-9999; Base stand made of MS square tubes & sheets, powder coated.	1
2.	Test rig for impact of jet on vanes Measuring tank 32 Liters, molded Plastic tank with level indicator; Sump Tank: 100 Liters non-corrosive PVC tank; centrifugal pump: 0.5 hp, 230 V, AC; Transparent cylindrical vessel made of Acrylic; Three types of vanes: Flat plate, conical, hemispherical (made of Aluminium); Brass nozzle; Digital stop watch; Base stand made of MS square tubes & sheets, powder coated.	1
3.	Gear Pump (with motor) test rig Gear pump: 1 hp; Electric motor Single phase 230 V, 1 hp; Chain or better coupling; Sump tank 30 Liters; Measuring tank 15 liters with level indicator; Pressure gauge, vacuum gauge, pressure relief valve, Digital Energy meter; Pipes, fittings, filter etc.; Panel with switches and indicator; Base stand made of MS square tubes & sheets powder coated	1
4.	Reciprocating Pump (with motor) test rig Single-stage reciprocating pump: Discharge 1700 LPH, max. head 36 m; rated speed 250 RPM; AC motor, 1 hp, 1500 rpm, 230 V; measuring tank 32 Ltr non corrosive PVC tank with level indicator; Sump Tank: 100 Liters non corrosive PVC tank; Pressure gauges: 0-4 kg/cm ² ; Vacuum gauge : 760 mm; Digital stop watch; Level switch; pipes, fittings, valve; Digital wattmeter; Stand : MS structure with powder coating	1
5.	Closed circuit Turgo Impulse wheel turbine test Rig Turgo impulse turbine capacity 1KW, speed 1000 RPM, No. of buckets 18; Rated supply head 20 m; discharge 330 LPM; Casing MS with chemical epoxy; Angle of bucket 160 to 170°; Jet dia 18 mm (max); Loading rope (16 mm dia) brake: Material cast iron; Drum size 200 mm dia; spring balance 0 to 5 kg for error reading; Supply pump-set size 65 x 50 mm; Total head 35m; Discharge 310 LPM; Motor capacity 7.5 hp; normal speed 2880 rpm; Flow measurement Venturimeter: Size 50 mm; throat dia 30 mm; Pressure gauge 0-4 kg/cm ² ; Turbine head pressure measurement: Pressure gauge 0-7 kg/cm ² ; Sump tank MS 14 gauge sheet with FRP coating size 900x900x600 mm; Digital RPM indicator with proximity sensor	1
6.	Francis Turbine Test Rig (5 hp, 3 Phase) Francis Turbine: capacity 5 hp (3.5 KW); Centrifugal Monoblock Pump: 15 hp, 3 phase, 415 V; Rope brake Dynamometer with cooling arrangements; Flow meter: orifice meter; valves, pipes, Electric cables; sump tank made of MS with FRP coating, set of weights for loading; Digital tachometer	1
7.	Pelton Turbine test Rig (5 hp, 3 Phase) Pelton Turbine: capacity 5 hp (3.5 KW); Centrifugal Monoblock Pump: 15hp, 3 phase, 415 V; Rope brake Dynamometer with cooling arrangements; Flow meter: orifice meter; valves, pipes, Electric cables; sump tank made of MS with FRP coating, set of weights for loading, Digital tachometer	1
8.	Air blower testing ring (2 hp) Centrifugal blower: 2 hp; Max. flow 6000 CFM, Head 20 inch of water; Electric Motor: 2hp, 415 V, 3 phase AC; Digital Wattmeter: 0-2 KW; Airflow measurement: Pitot tube & Manometer; Digital temperature indicator with temperature sensors (0-199°C); Manometer for suction and delivery pressure; Intake air flow control damper; Electrical switches & wiring; Frame and control panel: M.S. square tubes & CR sheet, powder coated	1
9.	Basic Pneumatic trainer kit with Manual and PCL control A panel board mounted with Pneumatic compressor coupled to an electric motor 1 hp single phase 200/220 V with starter and Pneumatic pipes & fittings; trainer is supplied with Pneumatic cylinders, quick exhaust valve, flow control valve, direction control valve, shuttle valve, and solenoid valve.	1