



CENTRAL PULP & PAPER RESEARCH INSTITUTE

(An Autonomous organization under the administrative control of Ministry of Commerce & Industry,
Govt. of India) (Registered under Societies Act)

NOTICE INVITING TENDER

Open Tenders are invited valid up to **31st March, 2017** from the reputed/ genuine manufacturers/ authorized Indian agents/suppliers for the supply/installation / commissioning of following Lab Equipment in two bid systems (Commercial & Technical bid separately sealed in one envelope).

(1) BCT- BOX COMPRESSION TESTER (2) PFI MILL (3) AUTOMATED SHEET FORMER (4) COULOMETRIC ANALYZER FOR AOX/EOX/POX (5) PARTICLE CHARGE DETECTOR/ANALYZER (PORTABLE) (6) RIDING ROTARY LAWNMOWER

Complete tenders shall be addressed to “**Director, Central Pulp & Paper Research Institute, Post Box No. 174, Paper Mill Road, Himmat Nagar, Saharanpur-247001 (U.P.)** The tender document and other detailed information such as Last date submission of Tenders, Terms & Condition, Tender Fee etc. is available on the Institute Website www.cppri.org.in

The tender incomplete in any respect, without EMD/ required demand draft/ unsigned tender document, received after due date (**10 October, 2016**) and time, will be liable to be rejected and no correspondence on the subject will be entertained.

The details of tender documents (detailed specification of the equipment) with terms and conditions may be obtained from Purchase Department of Central Pulp & Paper Research Institute, Saharanpur on all working days between 10.00AM to 5.00PM up to **10 October, 2016** against the non refundable tender cost of Rs. **500/- (Rupees Five Hundred only)** in the form of Demand Draft in favour of Central Pulp & Paper Research Institute, Saharanpur payable at Saharanpur. The tender document can also be downloaded from the Institute website www.cppri.org.in in such cases, the tender fee be deposited in the form of Bank Draft while submitting the tender.

Technical Bid, Price Bid and EMD with terms and conditions for each equipment **should be submitted separately in separate sealed envelopes superscribed accordingly in Bold Letter**. Those three envelopes be submitted within a common bigger envelope. The sealed envelopes and common bigger envelope should superscribed” Tender for supply of _____ (items No.....) to be opened on _____.

Indian agent/Authorized distributors/dealers may also submit tender on behalf of their principals abroad. The Authorization of the principal may be enclosed with the tender.

The last date of submitting the tender along with EMD (2% of Equipment price) is **10 October, 2016** at 5.00 PM. The tender will be opened on **11 October, 2016** at 11.00 A.M. in the presence of Bidder(s) or their authorized representative(s) Financial bids in respect of qualified bidders shall be considered.

The tender incomplete in any respect, without EMD/required demand draft/unsigned tender document, received after due date and time, will be liable to be rejected and no correspondence on the subject will be entertained.

Director, Central Pulp and Paper Research Institute, Saharanpur reserves the right to accept or reject any or all the tenders as a whole or part without assigning any reason thereof.

Section Officer (Store & Purchase)

TENDER NOTICE

Central Pulp & Paper Research Institute is an autonomous organization under the administrative Control of the Ministry of Commerce & Industry (Govt of India) dedicated to pulp & paper sector invites sealed tender valid up to **31st MARCH,2017** from the reputed/ genuine manufacturers/ authorized Indian agents/suppliers for the supply/installation / commissioning of following Lab Equipment in two bid systems (Commercial & Technical bid separately sealed in one envelope). Since we are engaged in Research and Development activities of National/ International repute, therefore, please quote your minimum rates.

(1) BCT- BOX COMPRESSION TESTER (2) PFI MILL (3) AUTOMATED SHEET FORMER (4) COULOMETRIC ANALYZER FOR AOX/EOX/POX (5) PARTICLE CHARGE DETECTOR/ANALYZER (PORTABLE) (6) RIDING ROTARY LAWNMOWER

S.No.	Details of item	Qty.
1.	<p>BCT-Box Compression Tester</p> <p><u>Technical Specifications:</u></p> <ul style="list-style-type: none"> • Should Confirm to ISO 12048/TAPPI T804 • Should have two parallel platens with lower platen fixed and upper platen oscillating type. • Platen size 1000mm x 1000mm • Capacity upto 2000kgf / 20kN • Should be provided with four load sensor for good accuracy. • Should have following compression test modules: BCT module, constant load module and cyclic module. • Operation through inbuilt testing software. • Should have RS -232 serial port for the connection to a host computer. • Should have facility for automatic plate return after collapse. • Should be provided with end limit switch, stop overload and over travel protection. • Automatic stop after beak detection or expiration of the preset pressure time. • Power supply : 220V/50Hz 	One
2.	<p>PFI mill</p> <ul style="list-style-type: none"> • Laboratory beater PFI type for beating of chemical pulps under standardized condition and also for the defibration of semi-digested raw material fibres. • Handled to beat up to 30 gm of pulp at 10% consistency. • Up and down beater cylinder by electric automatic operation. • Safety system for the user and equipment. • Pre-selection of the beater roll revolutions. • Adjustable beating gap. • Display for Consumed energy in kW/h, current hour recording and absorbed power in watt. (Continuous measure). • Calibration certificate using reference pulp. • List of clients to whom PFI mill is supplied. • Complies to ISO 5264/2, TAPPI T 248, SCAN C 24, PAPTAC C.7, DI-EN 25264-2. <p>Spares & Accessories: Price of necessary spare & accessories should be quoted separately.</p>	One

3.	<p>AUTOMATED SHEET FORMER</p> <p>Specification:</p> <ul style="list-style-type: none"> • Automated Sheet Former for Sheet making without press and dryer arrangement. • KCL type (250 x 250 mm) – Square type. • Having facility for water recirculation system. • Includes necessary accessories like - Couch roll & Rubber plate etc. Couch plate etc. • Electricity-220V/50Hz AC • List of clients to whom equipment is supplied • Mandatory for Indian supplier – <ul style="list-style-type: none"> - Demonstration of the equipment - Copy of purchase order along with complete address where the equipment has been supplied in India for inspection/verification. <p>Applicable Standards - ISO 5269-2 and DIN 54358</p> <p>Spares & Accessories: Price of necessary spare & accessories should be quoted separately.</p>	One
4.	<p>COULOMETRIC ANALYZER FOR AOX/EOX/POX</p> <p><u>SPECIFICATIONS:</u></p> <ul style="list-style-type: none"> • Type – Horizontal Furnace • PC - controlled with software loaded and printer • Analytical Range, AOX/EOX/POX- 0.1-- 50 µg Cl⁻ • Display resolution - 0.01 µg Cl⁻ absolute • Electrolyte volume - 5-20 ml • Sample type - Liquid/ gases / solid • Batch method along with accessories for filtration system with shaker for 12 flask holder (250 ml capacity) with speed control device up to 300 rpm • Tube materials- Fused Quartz • Operating voltage - 220 – 230 V ac • Temperature range - 800 - 1100 °C • Standard compounds for commissioning of system (AOX/EOX/POX) • Gas cylinders with regulators 	01
5.	<p>PARTICLE CHARGE DETECTOR/ANALYZER (PORTABLE)</p> <p>Particle charge detector/ Analyzer with streaming potential measurement and integrated automatic titration system with complete accessories like measuring cell, titrant solutions etc.</p> <p>Specifications:</p> <ul style="list-style-type: none"> • Sample volume : 10 ml • Streaming Potential resolution : 1mV • Measuring range : -5000 to +5000mV • pH resolution : 0.01 pH • Measuring Range : pH 0-14 • Titrant resolution : 1µl • Titrant accuracy : <± 1% • Easily transportable 	One

6.	<p>Riding Rotary Lawnmower</p> <p>Specification:-</p> <ul style="list-style-type: none"> • 600 -700 cc Twin Cylinder Four Stroke Air Cooled Petrol Engine. • Automatic Speed Control System:- Trim Speed: 2-4 mps (Mile per second); Tow Speed : 4-6 mph (mile per hour); Normal Moving speed : 6-8 mph. • Armrest, Rear Guard and Front Axles • Deck Wrap Around Control Lever with Anti Scalp Roller • Fuel Capacity: 10-12 Liters • Height of Cut: 38 to 114 mm • Width of Cut: 40-42 in. 	One
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TERMS AND CONDITIONS

1. Bidders shall submit offers for each equipment separately in a sealed cover subscribing on top of it the tender, equipment name and due date of opening of bids otherwise bidder will be treated as cancelled.
2. **Earnest Money Deposit (EMD) 2% of equipment** cost will be accepted in Form of Account Payee Demand Draft, Fix Deposit Receipt, Banker's Cheque or Bank Guarantee from any of the Commercial Bank.
3. Bidders shall quote the cost of the equipment clearly either in Indian Rupees or foreign currency (inclusive of agency commission, if any) and all type of duty (e.g. custom, excise), taxes, levies, and freight, insurance separately with estimated cost/rates applicable & Country of Origin.
4. The offer shall be valid up to **31st March, 2017** from the date of opening.
5. Full detailed specifications duly supported with pamphlets, detailed literatures or samples etc. be supplied with the offer.
6. Cut off date of applicable rates of foreign currency will **be the date of tender opening.**
7. Reference list of customers who have been supplied similar equipment in the **last three years** may also be enclosed preferably prominent Govt. paper testing laboratories.
8. Warrantee/guarantee for each equipment shall be clearly mention.
9. The address/contact details of the office/authorized dealers who will be responsible for after sales service/maintenance be clearly mentioned.
10. Comprehensive annual maintenance service including as well as excluding spare parts be also offered.
11. The cost of commonly used spare parts and consumables be also offered.
12. The commission/charges to agents/dealers located in India will be paid only in Indian Rupees and the same should be mentioned clearly in the offer.
13. Copy of the Agency agreement with the foreign principal and the precise relationship between them and their mutual interest in the business.
14. Submit **consignee satisfaction certificate for Specific Equipment** from some prominent clients in India/ Abroad.
15. Submit copies of experience of the Indian Agent in the relevant field – particularly installation and commissioning of such or related machine **in last 3 years preferably prominent Govt. paper Testing laboratories/Recognized Institution/IIT's etc.**
16. The supplier shall supply one copy each of the operating manual and maintenance manual along with the equipment.
17. If the vendor have supplied identical or similar equipment to other Labs./ Research Instt., the detail of such supplies for the preceding three years shall be given together with the prices eventually of finally paid along with a Price Certificate to the effect that the quoted prices are bare minimum prices applicable to all Govt./R&D/Educational Institutes and you have not quoted the lesser price to any of these Institute applicable to Educational/R&D Institutions.
18. All Rupee payment will be made against satisfactory delivery & satisfactory checking/installation of the goods/equipment in good condition. **100% advance payment by Letter of Credit after submission of Performance Bank Guarantee for 10% of order value** along with order acknowledgement valid for a period of 60 days after completion of original warranty obligation.

19. Order will be placed to Principals for all items for which payment is to be made in foreign currency. All foreign exchange will be paid through letter of credit issued from an Indian Bank.
20. Central Pulp & Paper Research Institute, Saharanpur will provide Custom Duty exemption certificates.
21. The rates should be offered considering the fact that the equipment are being purchased by the Institute and will be used for research purpose.
22. Rates should be quoted both in words and figures and overwriting be avoided.
23. The tender will be opened on **11 October,2016 at 11.00 AM.** in the presence of bidder(s) or their authorized representative(s). Financial bids only technically acceptable offer shall be considered.
24. The supplier shall have the responsibility of installation/commissioning of equipment in time.
25. In case any training of the operating personnel of the buyer is essential at the works of the supplier/manufacturer, the terms of the same shall be clearly mentioned by the bidder.
26. The quantity shown against each item is approximate and can vary as per demand to any extent.
27. The rates of State Tax or Central Sales Tax should also be quoted in each case. Sales tax/C.S.T. registration No. should be clearly mentioned in the quotation.
28. If any information furnished by the applicant is found to be false at any stage, the offer shall be cancelled and applicant shall be liable to be debarred from tender.
29. In the event of any dispute/difference between the Institute and a supplier arising out of non-supply of material or supply not found according to specifications or any other cause whatsoever relating to this supply order, the matter shall be finally referred to the Director, Central Pulp & Paper Research Institute, Saharanpur who may arbitrate in the matter himself or shall appoint an arbitrator to go into the matter. The decision of the Director/Arbitrator shall be final and binding on both the parties.
30. Director, Central Pulp & Paper Research Institute, Saharanpur reserves the right to accept or reject any or all the tenders as a whole or part without assigning any reason thereof.

Section Officer (Store & Pur)