

उष्णकटिबंधीय वन अनुसंधान संस्थान

TROPICAL FOREST RESEARCH INSTITUTE

Indian Council of Forestry Research & Education

(An autonomous Council under the Ministry of Environment & Forests, Govt. of India)

P.O. – R.F.R.C., Mandla Road, Jabalpur – 482 021.

TENDER FOR SCIENTIFIC EQUIPMENTS

Tender No.15- 8/2012-13/Pur/Sci Equip/T-III

Dated of the issue: / /2013

ENCLOSURES

1. Tender Notice
2. Tender Form
3. Specifications for Scientific Equipments
4. Conditions of Tendering for supply & Scientific Equipments of material

Tender document Sl.No.....issued to M/s.....
.....
.....
.....

Cost of Tender documents Rs.....received in cash/vide D.D./ Bankers
Cheque No.....dated.....drawn on
.....

Signature and seal of the issuing Officer

Tender for SE/12-13/rkd/doc/15



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**TENDER NOTICE FOR PROCUREMENT OF SCIENTIFIC
EQUIPMENT**

Advertisement No. 15-8 /12-13/Scient.Equip/T-III/TFRI/JBP.....

Sealed tenders are invited from reputed firms for the supply of

1. TENSIMETER
2. POWER SUPPLY FOR ELECTROPHORESIS
3. ROTARY SHAKER
4. UV-VIS SPECTROPHOTOMETER-117
5. DIGITAL SLR CAMERA NIKON D7000
6. CEPTOMETER LP 80
7. CENTRIFUGE
8. HIGH PRECISION BALANCE
9. ADDITIONAL PARTS OF LEICA DMIRB INVERTED RESEARECH MICROSCOPE

Tender Fee : Rs.250.00 (Non Refundable)
Cash/DD/Banker's Cheque Favour of
Director, Tropical Forest Research Institute,
Jabalpur

Issue of Tender starts from : 10 AM 07 / 02 /2013
Issue of Tender ends on : 1 PM 26 /02 /2013
Last date of submission of tender : 3.00PM 26/02 /2013
Opening of tender : 3.15PM 26 /02 /2013

Note: Tender document is also available on our website <http://tfri.icfre.gov.in>

Director
Tropical Forest Research Institute
Jabalpur

Tender for SE/12-13/rkd/doc/16

To,

The Director
Tropical Forest Research Institute
P.O. R.F.R.C., Mandla Road
Jabalpur

Sub: Tender for Scientific equipments

Ref: Your Advertisement Published In the Dainik Bhasker &
Hindustan Times on.....

The undersigned hereby tenders and offers (subject to Institute's conditions of tendering) to the Tropical Forest Research Institute, Jabalpur to supply the Scientific equipments as described in the enclosures with details of specifications in good condition.

It is certified that the specifications of Scientific equipments and all other conditions wherever described in the tender document, have been replied in full, giving clear details. The decision given by the institute in this regard will be final. It is also understood that the tenderer (in case of interpretation) will have no right to furnish any technical or commercial clarification after opening of the tender.

Date.....

Tenderer's signature with date

Name of the Tenderer

Address

SUBMIT THE FORM DULY FILLED IN SEALED COVER MENTIONING DATE OF OPENING OF THE TENDER

TENDER FORM

1. Name and full address of the tenderer with
telephone/fax number (if any)
.....

2. (a) If the tenderer is an authorized dealer of a
company give detailed information of authorization
(Dealer certificate should be enclosed)

- (b) Sales tax/Commercial tax Registration

- © If registered as Contractor/Supplier of specific
equipment with any Central/State Govt. department
give details

- (d) Income tax clearance certificate (copy to
be enclosed)

- (e) Whether registered with
(i) D.G.S. & D
(ii) Small Scale Industries Corporation
(iii) National Small Scale Industries Corp.,
Etc. If any, copy of the same should be
Submitted to claim exemption from EMD(

3. Validity Period (not less than 120 days)

4. Delivery Period to be specifically mentioned.

5. Whether Proprietary Item? If yes, enclose the certificate

YES	NO
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6. Details of offer

S.No	Name of Item	Specificati on with make	Unit Price	Taxes & Duties (mention)	Other charges if any (mention)	Total unit cost (for TFRI, Jabalpur)

Tender for SE/12-13/rkd/doc/19

Signature of Tenderer

7. Accessories if any (To be mentioned clearly)

8. Gaurantee/Warrantee of the item

9. Enclosures

- (i) EMD
- (ii) Catalogues
- (iii) Registration Certificate
- (iv) Income Tax Clearance Certificate
- (v) Sales Tax / Professional Tax Certificate
- (vi) Octroi etc. if paid (proof required)

10. Any other relevant information.....

Signature of the tenderer with stamp

I. SUPPLY OF TENSIOMETER

(NWFP)

EMD - RS.27,500.00

Description and specification of the items
<p><u>TENSIOMETER</u> <u>Specifications:-</u> Semi-automatic Tensiometer for surface and interfacial tensions as well as density of liquids. Measuring range up to 1000 mN/m. Resolution 0.01 mN/m Equipped with:</p> <ul style="list-style-type: none">- Calibration weight- Platinum Du Nouy ring (Pt-Ir-ring made to DIN 53914 and ASTM D 971 specifications. Includes also additional weight for push-mode.)- Ring re-form Tool- Density Measurement device (Glass probed for measurement of liquid density, For density range up to 2.2g/ml or 2.2 kg/l)- Microbalance resolution 0.01 mg (optimized for surface tension and interfacial tension measurement)- Sample vessels with outer diameter 70mm and 50mm- Embedded software to measure surface tension (ST) and interfacial tension (IT) using Du Nouy ring as well as the density of liquids- Built-in control keyboard for operator interface.

II. SUPPLY OF POWER SUPPLY (MODEL EV233) FOR ELECTROPHORESIS

(GEN)

EMD 5000.00

S. No.	Description and specification of the items
1	<p><u>POWER SUPPLY</u></p> <ul style="list-style-type: none">- (Model EV233)- 3000V: 150mA; 300Watt

III. SUPPLY OF ROTARY SHAKER

ECO

EMD 6000.00

1.	<u>Rotary Shaker, Make REMI</u> <u>Specifications:-</u> Model-RS 36 (BL) Platform size 24"x24" Max-Vol. 16 Lt. Inner chamber and outer body of SS 304, Heating up[to 95°C, Digital Temperrature Indicator cum Controller with precise accuracy of $\pm 1^{\circ}\text{C}$, Shaking speed range from 40 tro 180 strokes per min. 5.Stroke length 25mm.
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IV. UV-VIS SPECTROPHOTOMETER-117

AGRO

EMD - RS. 8500.00

1.	<u>UV-VIS Spectrophotometer-117</u> <u>Specifications:-</u> (microprocesspr base) 20x4 alphanumeric LCD display, 200-1000nm, Multiwave length and spectrum. Systronics.
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V. SUPPLY OF NIKON D7000 SLR CAMERA

ECO

EMD 5000.00

1.	<u>Nikon D7000 (with AF-S 18-105MM vr Kit Lens)</u> <u>Specifications:-</u> And Speed ligjht SB-700
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VI. SUPPLY OF CEPTOMETER LP-80

ECO

EMD 12,500.00

1.	<u>Ceptpometer</u> <u>Model AccuPAR LP-80,</u> <u>Intuitive 6-key menudriven interface</u>
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VII. SUPPLY OF CENTRIFUGE

ECO

EMD 3000.00

1.	<u>CENTRIFUGE,</u> <u>Swing Head Type with 4 tubes, each tube of 50-60 ml capacity, 4000rpm</u>
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VIII. SUPPLY OF HIGH PRECISION BALANCE

ECO

EMD 2500.00

1.	<u>HIGH PRECISION BALANCE</u> <ul style="list-style-type: none">- Capacity: 0.001 – 500 g- Readability/ Accuracy (+/-):0.001g- Repeatability : 0.002 g- Linearity: 0.002 g- Pan size: 100 mm- Multiple weighing unit, Back light LCD display, Poly fuction: % weighing counting, fill mode, GSM, Standard bi directional RS – 232 Interface.
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IX. SUPPLY OF ADDITIONAL PARTS LEICA DMIRB INVERTED MICROSCOPE

GEN

EMD 10,000.00

1.	<u>A. Specifications for the additional parts of LEICA DMIRB inverted research Microscope</u> (Make-Leica WETZLAR Germany) Part no.-12730079 Part name- Leica EC3 Digital Camera & SW Kit EC3 digital camera with sw kit, colour digital camera for on-screen microscope image display , resolution (No.of pixels) 2048x1536, 3.1 Mpixels, CMOS sensor progressive scan, pixel size 3.2 µm x3.2 µm, colour filter RGB (Bayer), colour depth 30bits, exposure time 0.1 msec-2 sec, A/D converter 10 bit, dynamic range>45db, full size live image, max. 15 frames per sec. (depending on the PC performance) VGA, SVGA, XGA and XVGA image formats, gain 1x-20x, shading correction, optical C-mojnt, re commended video adapter 0.63xsupported operating systems PC Win 2000, XP MAC OS X, single cable USB2 <u>B. Computer-Specifications (Minimum)</u> 1.Intel Due core More than 2GHz with Intel Mother board or abovd 2.2GB RAM 3.320 GB Harddisk with two partition 4.DVD R/W 5.4-6 nos. USB- 2.0 port 6. Windows XP Professional (Service Pack-2 OR Wibndow7 REMIUM/Business and and MS Office prelocaded 7.17-19 inch Monitor with PCI express NVIDIA graphics card 512 MB (Min)
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CONDITION OF TENDERING FOR SUPPLY OF EQUIPMENTS

1. The tender documents, complete in all respects along with the enclosures should be submitted under sealed cover in person at the receipt counter of Institute by putting inside tender box or should be sent by Speed post, registered post only (Not By Courier Services) so as to reach the office before the specified date and time. Tenders received after the specified date and time will not be considered and will be filed. The Institute will not be responsible for postal delay.
2. In case the date of opening of the tenders/receiving the tenders is declared a holiday, the tenders will be received/opened on the next working day at the specified timing.
3. The tender shall be valid for a period of 120 days from the date of opening.
4. The quoted prices shall inclusive of all duties and levies except for excise duty and sales tax at the prevailing concessional rates, applicable against declaration of from 13 Photo Copy of the last sales tax registration number/certificate should be enclosed along with tender.
5. The items are required F.O.R. at TFRI , Jabalpur.
6. Full details of business terms and conditions e.g. packing and forwarding charges, delivery, validity period, guarantee of equipment , Installation, Demonstration of equipment, discount or any other information relevant to supply may also be given along with rates.
7. Tenderer should clearly mention the make/brand of the machine complete specification and other information regarding the articles to be supplied and enclosed printed literature and original catalogue/operational manual.
8. The Director, Tropical Forest Research Institute, Jabalpur reserve the right to reject any or all tenders without assigning any reason. Director, Tropical Forest Research Institute, Jabalpur will have the full right to accept tender with higher rates without giving any reasons to tenderers and his decision will be final and acceptable to all.
9. The act of giving tender shall be deemed to be deemed to be the unreserved acceptance of terms and conditions of this tender.
10. Conditional tenders are liable to be rejected.
11. The earnest money specify item wise will be deposited along with the tender in the form of Demand Draft/Banker's Cheque, in favour of Director Tropical Forest Research Institute, Jabalpur. The tenders will not be considered in the absence of required earnest money EMD in any other from like Bank guarantee, etc. will not be considered.
12. In case of successful tender, the amount of EMD shall be kept as security deposit which will be released after successful installation and demonstration of the supplied goods in satisfactory conditions and EMD shall be returned to unsuccessful tenderers.
13. The firms exempted from submission of EMD at the time of submission of the tender form; if awarded the contract will have to submit a performance security equivalent to the EMD.
Tender for SE/12-13/rkd/doc/24
14. The tenderer may be asked to demonstrate the equipment before the Director, TFRI or any other officials/nominated by him for adjudging the suitability of the equipment in that case, the tenderer shall be final and binding.

15. Acceptance of the offer shall automatically carry with it a guarantee on suppliers part that every material supplied there under shall be fresh and free from defects and shall be consistent with the established and general accepted standards for the materials of type and in full conformity with the specifications. If it is found other wise when put into actual use, it shall be replaced by the supplier at his cost even after the payment of the bill has been made.
16. If the tenderer fails to comply with any of the above conditions or backs out from his/their tender or fails to supply within stipulated period to the satisfaction of the Director, Tropical Forest Research Institute, Jabalpur or any official authorized by him in this respect or fails to execute the agreement ,the EMD of tenderer shall be forfeited the Institute. In addition to forfeiting the EMD , the Director shall be at liberty to obtain the material to the extent stated in tender notice from any other source. The excess expenditure if any, incurred by the Institute in making such purchase shall also be recoverable from the tenderer in full as per rules. If purchase are made at lower rates difference of cost shall not be payable to the tenderer. In addition, the institute may black list the tenderer for a period up to five years.
17. The successful tender shall hereafter be called the supplier.
18. The equipment are required to be delivered and installed in full with 45 days of the issue of the supply order.
19. After the expiry of the delivery period, the supply order shall be automatically canceled the EMD/Performance Security deposited by the supplier shall be forfeited.
20. Delivery of the goods in goods and sound condition at destination shall be the responsibility of the supplier, Any loss, breakage, leakage, theft, etc. during transit or otherwise will be at the supplier's risk and cost.
21. The replacement on account of wrong or short supplier and the suppliers inconsistent with the specification shall be done by the supplier, without extra cost.
22. The supplier should be in a position to supply any spare parts (accessories required at least for period of five years after the expiry of warranty period.
23. Payment will be made after receipt of items in good and satisfactory condition including their demonstration and satisfactory installation.
24. Disputes, if any are subject to JABALPUR jurisdiction only.