



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- 1(XXV)/10-11/

Dated of the issue: / /2010

## **ENCLOSURES**

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

Tender document S.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 sci.euip/10-11/rkd/doc



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 NOTICE FOR PROCUREMENT OF SCIENTIFIC EQUIPMENT**

Advertisement No. 15-1(XXV)/10-11/TFRI/JBP.....

Sealed tenders are invited from reputed firms for the supply of

1. SUPPLY AND INSTALATION OF AIR CONDISIONER UNDERBUYBACK OPTION.
2. SUPPLY AND INSTALLATION OF COMPUTER AND U.P.S.WORKSTATION.
3. SUPPLY AND INSTALLATION OF SEED GERMINATOR .
4. ELECTRICALLY HEATED HYDRAULIC HOT PRESS INCLUDING SUPPLY INSTALATION AND DEMONSTRATION WORK.

Tender Fee : 150.00 (Non Refundable )  
Cash/DD/Banker's Cheque Favour of  
Director, Tropical Forest Research Institute, Jabalpur

Issue of Tender starts from : 10 AM 04 /10 /2010  
Issue of Tender ends on : 1 PM 12 /11/2010  
Last date of submission of tender : 1.00PM 12/11/2010  
Opening of tender : 3.15PM 12/11 /2010

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

Director  
Tropical Forest Research Institute Jabalpur Tender  
for sci.euip/10-11/rkd/doc

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 Danik  
Bhaskr/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
-----	----

6. Details of offer

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

Signature of Tenderer

7. Accessories if any (To be mentioned clearly)
8. Gaurantee/Warrantee of the item
9. Enclosures
  - (i) EMD
  - (ii) Catalogus
  - (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

**EMD - RS. 10000.00**

**I. SUPPLY AND INSTALLATION OF AIR  
CONDITIONER UNDER BUY BACK OPTION**

**SPECIFICATION**

<b>Description and specification of the items</b>
<p><b>Supply and installation of Air Conditioner under buy back option</b> Air Conditioner (split type) 2 Ton Capacity wall mounting type with rotatory compressor auto timer, auto restart Airswing , auto sleepmode Anti corrosive body. Min.5 star Rating high EER low &amp; high voltage protection. (Make LG, Carrier Voltas Hitachi)</p> <p><b>--Items are required FOR at TFRI , Jabalpur,preferred D.G.S.&amp; D. rate if available. --Please specify Tech. specification, make Model tax position (if any), installation, demonstration.</b></p> <p><b>Old Air Conditioner under buy back will be available for inspection during office hours at the Institute. Rates for buy back Air Conditioner may also be indicated with unit price.</b></p>

**EMD - RS. 8000.00**

**II. (a) SUPPLY AND INSTALLATION OF COMPUTER**

**SPECIFICATION**

<b>S. No.</b>	<b>Description and specification of the items</b>
1.	<b>Supply of computer 5 NO.</b> Intel R Core 2 Quad processor Q8400, 2.66 GHz, 1333 MHz FSB, 3 G DDR3 RAM, 640 GB SATA 4 GB Hard Disk Drive (7200 rpm ), 16X DVD R/W, Bilengual keyboard, optical mouse, 19" Wide TFT Monitor, Front I/O: 2 USB ports, audio in, mic, Back I/O: 4 USB ports, VGA, Parallel Port, PS2 Key board/Mouse, Audio in, Audio out, MIC, Genuine Windows 7 Professional, <b>3 years onsite warranty.</b> (Make: HP/Compaq Presario/Wipro)
<b>--Items are required FOR at TFRI , Jabalpur</b> <b>--Please specify tech specification, make model, tax position (if any), installation, demonstration.</b>	

**(b) SUPPLY U.P.S.**

**EMD. 2,000.00**

**SPECIFICATION**

1.	<b>SUPPLY OF U.P.S. 20No.</b> 0.5 KVA offline with 30 minutes backup and 2 years warranty along with battery (Make APC/Microtek/Elnova) for backup to computers to provide smooth power supply in order to avoid hardware/software failure in case of power failure.
<b>--Items are required FOR at TFRI , Jabalpur</b> <b>--Please specify tech. specification, make model tax position (if any), installation, demonstration.</b>	



**EMD - RS. 6000.00**

### **III. SUPPLY AND INSTALLATION OF SEED GERMINATOR**

#### **SPECIFICATION**

Description:

No.of Chamber: One (heating & cooling)

Capacity: 10 cft. (approx) Display: LCD display with backlit

Light levels : OFF, 25%,50%,75% & 100% No. of Trays : 8-10 trays.

Humidity : Natural humidity with water inside .

Alarm : Audio visual alarm for temperature and humidity deviation.

Inner chamber : Stainless Steel.Temperature : PID control 10-45°C±1°C.

Compressor : Hermetically sealed type of standard make.

Evaporator : Finned Tubers.

Electronics : Microcontroller based. Digital display of temperature & humidity.

Operating Voltage : 220V, 50 Hz AC±10% .

It should have provision to Programme for different temperatures, light levels for different time intervals to simulate the requirements for normal seedling germination.

- Facility to record data and storage capacity of 1000 readings Programme lock.
- Audio Visual Alarm Display: 2x16 characters alphanumeric LCD display with backlit.Watchdog timer: It is installed in the Seed Germinator to check the programe and control at all the time. And make sure that the programme and control is working properly.Any surge in the electric supply may cause any control (Temperature, humidity and light) to latch at one position. This watchdog timer prevents surge in the electric supply which may cause any control (Temperature, humidity and light) to latch at one position.

**--Items are required FOR at TFRI , Jabalpur**

**--Please specify tech. specification, make model tax position (if any), installation, demonstration.**

**IV. ELECTRICALLY HEATED HYDRAULIC HOT PRESS** **EMD RS. 15000.00**

**SPECIFICATION**

1	<p><b>Electrically heated Hydraulic Hot Press</b>  Type-One Day Light-350mm  Caoacutt-40 tibbes/cm<sup>2</sup>  Stroke:350mm  Platen thicknbess: 50mm  Surface of platen:plane  Working pressure : approx 30 kg per cm<sup>2</sup>(System pressure on heating platens)  Hydraulic pressure-250 kg/cm<sup>2</sup>  Platen suitable for temperature of 250°(digital control)  Piston ram dia. 17.5 cm approx.  Heating Medium: Electrical ,3KW/platen  Speeds-Fast approach-20mm/sec  Pressing speed-5mm/sec  Fast opening-30mm/sec</p>
---	---

**--Items are required FOR at TFRI , Jabalpur**

**--Please specify tech. specification, make model tax position (if any), installation, demonstration.**

## **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 equipments, Instalation, 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 the unreserved acceptance of terms and conditions of this tender.**
- 10. Conditional tenders are liable to be rejected.**

11. **The earnest money Rs. 5000.00/ or 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 form 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**
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 otherwise 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.**