

**INDIAN PLYWOOD INDUSTRIES RESEARCH AND TRAINING INSTITUTE  
Post Bag No.2273, Tumkur Road, Bangalore – 560 022.**

Tender No.SS/430/

Date:29-10-2011

**TENDER DOCUMENT FOR SUPPLY, INSTALLATION AND COMMISSIONING OF  
WOOD MICROTOME WITH AUTO KNIFE SHARPNER**

**Cost of Tender Document – Rs.500/-**

**Last date for submission of Tender: 18-11-2011 at 11.00 hrs.**

**Receipt No.....**

**Date:.....**

**Tender issued to M/s. ....**

.....

.....

**Sd/-  
Administrative Officer**

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**INDIAN PLYWOOD INDUSTRIES RESEARCH AND TRAINING INSTITUTE**  
**Post Bag No.2273, Tumkur Road, Bangalore - 560 022**

Tender Notice No.SS/430

Date:29-10-2011

**Notice Inviting Tenders**

1. Sealed item rate tenders are invited from reputed **suppliers for supply, installation and commissioning of Wood Microtome with Auto Knife Sharpner at Indian Plywood Industries Research and Training Institute, P.B. No. 2273, Tumkur Road, Yeshwanthpur, Bengaluru-560 022**
2. Tender cost Rs.500/- (non refundable)
3. Estimated cost of the machines is Rs. 3,00,000/-
4. E.M.D. Rs.6,000/-
5. Tender forms will be issued upto 18-11-2011 till 11.00 hrs. against written request and the sealed tenders will be opened at 14.00 hrs. on 18-11-2011 in the presence of the tenderers present. In case 18-11-2011 is declared as holiday by the Institute, tenders will be opened on the succeeding working day at the same time.
6. A schedule of quantities is given in the tender document. It must be clearly understood that these quantities are approximate and liable to alterations by omission, deduction or addition at the discretion of the Director, IPIRTI.
7. The Director, IPIRTI, reserves the unqualified right to accept any or reject all tenders without assigning any reason therefor and/or to award the work either in part or in full.
8. The successful tenderer shall make his own arrangements to obtain all materials required for the work.

## LETTER OF ACCEPTANCE

The Director,  
IPIRTI, P.B.No.2273,  
Tumkur Road,  
Bangalore - 560 022.

Dear Sir,

I/We, hereby tender for the execution of the work specified in the under mentioned memorandum within the time specified in such memorandum at the rates specified therein and in accordance in all respects with the specification and instructions in writing which have been read by me/us, read and explained to me/us and with such materials as are provided for by and in all other respects in accordance with such conditions so far as possible.

### MEMORANDUM

- |    |                                      |   |  |
|----|--------------------------------------|---|--|
| 1. | General description of work          | : | Supply, installation and commissioning of Wood Microtome with Auto Knife Sharpner  |
| 2. | Estimated cost                       | : | Rs. 3,00,000/-   |
| 3. | E.M.D.                               | : | Rs.6,000/-   |
| 4. | Security Deposit                     | : | 3% of the tendered amount  |
| 5. | Tenders to be submitted on or before | : | 14 .00 hrs. on 18-11-2011  |
| 5. | Time allowed for supply              | : | 30 days from the date of placing order   |
| 6. | Rate and schedule of Quantities      | : | Schedule of quantities <u>vide</u> Annexure I  |
| 7. | Specifications                       | : | The work shall be carried out strictly in accordance with the attached specifications and wherever items are not covered by these specifications, as per instructions and to the entire satisfaction of the Director, IPIRTI, Bangalore. |

**P.T.O.**

Should this tender be accepted, I/we hereby agree to abide by and fulfil all the terms and provisions of the conditions contained in the articles of Agreement, Notice Inviting tenders and Conditions of Contract, etc., which have been read by me/us, read and explained to me/us so far as applicable or in default thereof to forfeit and pay to the Institute or their successors in office the sums of money mentioned in the conditions of contract, articles of Agreement and Notice Inviting Tender.

Dated this .....day of .....  
2011.

.....  
Tenderer's signature

Address:

Witness to Tenderer's signature

Address:

-----  
The above tender is hereby accepted by me on behalf of the Indian Plywood Industries Research and Training Institute, Bangalore.

Dated this ..... day of .....  
.....

.....  
Signature of the Officer by whom accepted

### Terms and Conditions

1. No 'C' or 'D' form will be issued by us. However the concessional rate of Central Sales Tax admissible to Research Institutions on purchase of Scientific Instruments/equipments, etc., from certain States like Maharashtra, Delhi, West Bengal, Tamilnadu, etc., is applicable to this Institute. Sales tax and/or other taxes if any, should be specified separately.
2. Concessional rate customs duty is applicable to this Institute as per DSIR Registration Certificate no. TU/V/RG-CDE (373)/2010 dated 20-09-2010.
2. The offer should be for **Supply, installation and commissioning of Wood Microtome with Auto Knife Sharpner.**
3. Materials should be supplied within 30 days from the date of placing order.
4. Payment will be made only after the supply and installation to the entire satisfaction of the authority.
5. As this Institute is an autonomous body of the Ministry of Environment & Forests, Govt. of India, discount applicable should be shown separately.
6. Rate quoted shall include tax, delivery/transport charges, installation and commissioning at our Institute premises.
7. Information, if any, you desire to furnish should be provided in full.
8. Your rates should be valid atleast for a minimum period of 90 days.
9. Security Deposit and Retention amount will be released at the expiry of defects liability period of one year from the date of completion of work against pre-receipted bill in duplicate.
10. Security deposit of the successful tenderer will be forfeited if he fails to comply with any of the conditions of the purchase order.
11. Your bill in triplicate should be submitted along with completion certificate for making payment.
12. Director, IPIRTI reserves unqualified right to accept any or reject all quotations without assigning any reasons thereon.

**GENERAL INFORMATION TO TENDERERS**

1. The supplier shall make all provisions for safety of his men and materials including insurance for fire and accidents. An indemnity bond in the form appended shall be submitted indicating clearly that the Employers are free from such responsibility and encumbrances.
2. No sub-letting and sub-contracting in any form is allowed.
3. Quality of work and quantities shall be notified to the Employer whose technical personnel or of consultant will certify the work. Any defect or shortcoming in the work shall be made good by the supplier to the full satisfaction of the Employer.
4. Working hours of the Institute are normally from 9.00 a.m. to 5.30 p.m. Monday to Friday.
5. The time allotted for supply the equipment is 30 days from the date of placing order.
6. The tenderer should provide the certificate of authorized local agent in India for their principals products.
7. Order will be placed in Indian Rupees only and payment will be made in Indian Rupees Only.

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**UNDERTAKING TO BE GIVEN BY THE TENDERER**

We, the .....having registered  
office at .....

.....do hereby declare and affirm the following:

1. We are aware of all statutory and legal requirements of Central and State Governments as well as local regulations applicable to the work. Consequences due to violation of these Acts, Rules and Regulations shall be borne by us and the Employer/Consultant are indemnified from any charge directly or indirectly arising therefrom.

2. That this undertaking forms part of the Agreement and contract documents.

**WITNESS:**

Signature of the Tenderer

**ARTICLE OF AGREEMENT**  
**(Should be submitted on Non-Judicial Stamp Paper of Rs.250/-)**

ARTICLE OF AGREEMENT made at Bangalore this day  
 .....  
 .....between the INDIAN PLYWOOD INDUSTRIES RESEARCH AND TRAINING INSTITUTE registered under the Karnataka Societies Registration Act 1960, having registered office at Tumkur Road, Bangalore (hereinafter referred to as the EMPLOYER which expression shall include its successors and assignees) of the ONE part and .....  
 .....(hereinafter called the SUPPLIER) of the OTHER part.

WHEREAS the Employer is desirous of getting done the work for **supply, installation and commissioning of Wood Microtome with Auto Knife Sharpner** at Indian Plywood Industries Research and Training Institute, P.B. No. 2273, Tumkur Road, Yeshwanthpur, Bengaluru-560 022.

AND WHEREAS the Supplier has agreed to execute the aforesaid work on terms and conditions mentioned herein and subject to the conditions of contract, schedule of quantities, specifications, etc. (all of which are collectively hereinafter referred to as the said conditions)

Now it is hereby agreed and declared by and between the parties hereto as follows:

1) In consideration of the payment to be made to them as hereinafter provided the supplier shall, subject to schedules such as the conditions of contract, specifications, schedule of quantities, etc. execute and complete the work within 30 days from the date of our order.

2) The employer shall pay to the supplier such sums as shall become payable hereunder at the time and in the manner specified in the conditions of contract.

3) Time is the essence of this Agreement and the supplier shall pay or allow the Institute to deduct @ 0.5% per week of the contracted amount as Liquidated damages. If sufficient justification is not made regarding the delay, the employer may deduct such damages from any amount due to the contractor under this Agreement or any other Agreement that may subsequently entered into between the parties. The order is liable to be cancelled if the accumulated penalty exceeds 5% of contracted amount. EMD & Security Deposits will also be forfeited.

(4) The schedules above mentioned shall form an integral part of this Agreement and the decision of the employer in reference to all matters of dispute as to material and workmanship shall be final and binding on both the parties.

P.T.O.

5) The employer reserves to themselves the rights of altering the drawings of the works and of adding to or omitting any item of work from or of having portions of the same carried out departmentally or otherwise and such alterations or variations shall not vitiate this Agreement.

6) The Security Deposit of the supplier shall be forfeited if he fails to comply with any of the conditions of the contract.

7) This Agreement comprises the works above and all subsidiary works connected therewith, eventhough such works may not be shown on the schedules appended herewith.

8) Notwithstanding anything contained in the tender submitted by the supplier, all the clauses of this Agreement shall be binding on both the parties.

9) If any dispute shall arise between the parties touching these presents or any of the matter covered by the schedule herewith appended or the construction of operation thereof or the rights, duties or liabilities of either party hereunder, such dispute shall be referred to two arbitrators, one to be appointed by each party or in the event of their not agreeing then to the award of an Umpire to be appointed by them in writing before entering on the reference and the decision of the arbitrator or the Umpire as the case may be and shall be final and binding on both the parties. Such arbitration shall be governed in all respects by the provisions of the Indian Arbitration Act 1940, as amended from time to time and the Rules thereunder.

IN WITNESS WHEREOF the Parties hereto have set their respective hands the day and the year hereinabove written.

Signed by, for and on behalf of the Institute in the presence of .....

1) .....

2) .....

Signed by, for and on behalf of the said contractor(s) by their partners ..... in the presence of

1) .....

2) .....

## SCHEDULE OF QUANTITIES

### **Sliding Microtome Jung HN 40**

Specimen Advance: 0—60 micron in 1 micron increments, re-traction operates on return stroke.

Manual gross advance/rewind facility.

Knife Holders: Support arms reversible with slew facility. Angle tilt with indicator scale and full width knife guards. Single side double clamp facility available as option.

Object Holder: Vice clamp fitted as standard but quick release cassette clamp available as an option if required.

Maximum Block Size: 170 x 250 mm

Clearance angle adjustment: 3°C to +10°

Selection thickness range: 0.5 to 60µm

Section thickness settings: from 0.5 to 5 µm in 0.5 µm increments

From 5 to 10 µm in 1 µm increments

From 10 to 20 µm in 2 µm increments

From 20 to 60 µm in 5 µm increments

Specimen orientation: 8°

Declination: 0 ° to 45 ° in sectioning direction

Accessories: Tool Kit; Oil; Operating Manual

Dimensions: Length 61 cms; height 32.5cms; Width 26 cms.

### **Knife Sharpner**

- Automatic Knife Sharpner should be fully furnished in a compact cabinet with smooth finish.
- The Instrument should be effectively mounted on rubber feet in order to absorb vibration for quite and superior operation.
- Its imposing finish should make it easy to clean, resist chipping abrasions and chemical attacks.
- It is clamping in the knife holder at a fixed angle position that reshapes the knife.
- The top cover of the instrument should be closed at the time of honing procedure to assure safe operation and to eliminate dust and grinding particles from being scattered over the work place.
- The knife should efficiently stroke against a high frequency glass plate and after an exact equivalent number of strokes on one side of knife edge, it should automatically flip the knife and hone the knife edge on other side for the same interval.
- The Stroking cycle should repeat constantly for duration set in an automatic electric timer one side of knife-edge to other at frequent intervals.
- Automatic Knife Sharpner should be known for delivering convenient use, reliable performance and trouble free and dependable service.

### **Following are the technical specifications:**

- Effective sharpening of C-profile knives up to 200mm in length
- Easy single-button operation
- Knife holder available to accommodate different knife lengths
- LED delay timer of 7 days
- Option of disabling automatic changeover/reversal
- Selection of sharpening program as per the wear condition
- Smooth and calm knife drop at the time of operation

**PAYMENT AND PENALTY**

1. Name of work : Supply, installation and commissioning of Wood Microtome With Auto Knife Sharpner
2. Date of supply : Within 30 days from the date of placing order
4. Guarantee/Warranty : One year from the date of commissioning
5. Security Deposit to be deposited : 3% of the tendered amount along with agreement including EMD
6. Liquidated damages for non-completion of work in time : 0.5% per week upto 5% of contract amount, after which contract stands terminated.
7. Retention amount from on account payments : 3% of the bill.
8. Release of retention amount : Security deposit along with retention amount will be released after defects liability period of One Year against pre-receipted bill.

Date:

Signature of Tenderer

Seal: