

## Tender Notice

Dated: Guwahati, 05/05/2017

Indian Institute of Entrepreneurship (IIE), an autonomous organization under the Ministry of Skill Development and Entrepreneurship, Govt. of India invites sealed quotations from authorized firms/suppliers for supply and commissioning of machinery and other equipment for its Livelihood Business Incubation Centre on Wood Carving and Carpentry at IIE Campus, Guwahati.

### **I. General Details and Conditions**

- Description of Work: Supply, Erection and Commissioning of machineries and other equipment for Livelihood Business Incubation Centre on Wood Carving and Carpentry
- Location: IIE Campus, Guwahati
- Estimated Cost: Rupees Fifty Lakhs(Rs.50,00,000/-) inclusive of freight/ transportation, taxes, charges, duty, transit insurance and installation
- Purchase of Tender document: Rs. 2,500/- (non-refundable) to be submitted at the time of submitting the tender through Demand Draft of Rs. 2,500.00, in favour The Director, IIE, Payable at Guwahati.
- Tender document may be downloaded from the website [www.iie.gov.in](http://www.iie.gov.in)
- Period of delivery and installation: 45 working days from the day receipt of work order.
- EMD: Rupees One Lakh(Rs.1,00,000/-) inform of DD/Fixed Deposit/Bank Gurantee
- The other Terms and Conditions applicable to this tender have been incorporated in the tender documents.
- The Competent Authority reserves the right to reject all or any tender wholly or partly without assigning any reason whatsoever.
- Last date of submission of tender: 5:00 pm 21<sup>st</sup> of May, 2017
- Date and time of opening of tender: 11:00 am 22<sup>nd</sup> of May, 2017
- The Tender shall be submitted in accordance with the instructions and conditions and any tender not conforming thereto is liable to be rejected. The instruction shall form the part of the tender and contract.
- The tender shall be complete with all documents. The tender received without tender fee shall be rejected outright.
- The duly signed and stamped tenders shall be submitted at the address: **Indian Institute of Entrepreneurship Basistha Chariali, N.H-37 Bypass, Near Game Village, Lalmati,Guwahati : 781029**, in a sealed envelope superscribing **“TENDER FOR SUPPLY AND COMMISSIONING OF MACHINERIES AND EQUIPMENT FOR ITS LIVELIHOOD BUSINESS INCUBATION CENTRE ON WOOD CARVING AND CARPENTRY”** including the following -
  - The forwarding letter of the tender
  - Tender bid Proforma

- List of latest customers who have been supplied Plant & Machinery for similar Projects(attached work orders);
- Detailed description of the system;
- Catalogue containing detail technical specification;
- List of essential spares to be supplied;
- Details of manufacturing facility available in-house; certificate of registration/proof of ownership along address; copy of pan card; income tax returns for past financial years
- Sales tax certificates;
- Certificate that the firm is not blacklisted by any Government/Private Organization;
- Certificate that the firm has no pending vigilance/CBI case;
- Certificate that the firm is not supplying the same item at lower rates quoted in the tender to any government institution during the past one year, as per fall clause adhered by DGS & D and other government organization.
- Demand draft for tender fee.
- Checklist

**II. Scope of Work**

- I. Type of Work: Supply and Commissioning of supply and commissioning of machineries and other equipment for Livelihood Business Incubation Centre on Wood Carving and Carpentry:

**List of Machineries and Equipments for Wood Carving and Carpentry**

| Sl. No. | Type of Machine | Detailed Description & Specification  | Qty |
|---------|-----------------|---|-----|
| 1.      | Band Saw        | <p>3x400V 50 Hz 4.0HP (3.0 kW) S6/40% with upper and lower precision blade guiding rack and pinion for upper blade guiding tilting saw table -10/+45 dg. Alu rip fence slot in the table for mitre fence including auto. brake, cutting height 410 mm, cutting width 480 mm, indication for blade tension.</p> <p>Saw blade length from 4293mm to 4343mm</p> <p>Saw blade length 4318 mm</p> <p>X-Life bandsaw guide with ceramic inserts Upper and lower guide.</p> <p>HS saw blade, L = 4318 mm, W = 6 mm, D = 0.60 mm, tooth depth 4.2 mm</p> <p>Saw blade, L = 4318mm, W = 16mm, D = 0,60 mm, tooth depth 8,4 mm.</p> | 1   |

|    |                                  |   |   |
|----|----------------------------------|---|---|
|    |                                  | <p>HS saw blade, L = 4318 mm, W = 25 mm,<br/>D = 0.60 mm, tooth depth 8,4 mm for FB 510</p>   |   |
| 2. | Planner<br>Thicknesser           | <p>Surface Planer 410 mm wide, 2000 mm table length w. dual lift system w. spring support<br/>Both cast planer tables with easy height adjustment, max. cut 4 mm</p> <p>Vacuum hood 410 mm Standard</p> <p>Surface planer fence 410 guided on round steel bar, tiltable 90°-45°<br/>Fence plate anodised 150x1100 mm</p> <p>EURO - STANDARD - planer guard 410 mm<br/>Spring loaded bridge guard in front of, and hinge guard behind the planer fence.</p> <p>4-Knife cutterblock with standard planer knives 410 mm with adjusting device for planer knives cutting circle 88 mm_ 5000 rpm (50 Hz)/ 6000 rpm (60 Hz)</p> <p>Thickness Planer 404 mm planer width</p> <p>Thicknessing height adjustable 3-230 mm,</p> <p>2 spring loaded pressure bars, easy table adjustment with hand wheel.</p> <p>Indicator for thicknessing height with digital position control "mm"</p> <p>2-speed synchronised gear box<br/>On and off control, feed speed 6/12 m/min at 50 Hz and 7.2/14.4 m/min at 60 Hz.</p> <p>Electrical system 3x400 V, 4.0kW, S6-40%</p> | 1 |
| 3. | Spindle Moulder with accessories | <p>Spindle moulder unit with double trunnion,<br/>Rapid change system for spindle,<br/>Table opening 230mm, spindle tilt with handwheel 90°-45°, dust extraction below table</p> <p>Dial for spindle moulder angle in handwheel</p> <p>Moulder spindle D-30mm,shaft length/clamping height/useable length above table (90°) 117/ 124/115 mm, 3500/6500/8000/10.000 rpm</p>  | 1 |

|    |               |  |   |
|----|---------------|--|---|
|    |               | <p>Slot- and Tenon table Z ANODISED, table length 1000 mm, table movement 1000 mm</p> <p>Total spindle moulder area L=1010mm, B=760mm with preparations for Slot- and Tenon clamping set.</p> <p>10 years Warranty on the .X-Roll. sliding table guiding system!</p> <p>Spindle moulder fence "230"mm</p> <p>Spindle fence with stepless micro adjustment depth of the outfeed fence plate, easy locking of the fence with big handle device.</p> <p>Fence Plates 400 ALU ANODISED for Spindle fence</p> <p>MULTI-fine adjustment system for spindle moulder fence "230" mm</p> <p>EURO II guard for spindle moulder fence</p> <p>Electrical system 3x400 V, 4.0kW, S6-40%</p> <p>Accessories:<br/> Eccentric clamp with clamping shaft M 20<br/> Mounting set for eccentric clamps<br/> Crosscut fence 1100 mm (Model 430, scale in mm)<br/> Mounting set for sliding table X-Roll<br/> EURO-Ring guard<br/> Guide-ring set consisting of:<br/> Ball bearing<br/> Ring Bearing<br/> guide-rings D= 85mm, D= 100 mm, D= 110mm,<br/> 1Power Feed F "38" 3 x 400 V - 50 Hz</p> <p>Technical data:<br/> 8 feeding speeds: 3.2/6.3/8.3/12.5/16.7/25/32/63 m/min., forward and reverse<br/> 3 rollers D= 120 mm<br/> roller width 60 mm<br/> motor 0.75 KW<br/> roller suspension 22 mm</p> |   |
| 4. | Stroke Sander | Manual height adjustment<br>3 x 400 V, 50 Hz, 3.0 kW (4.0 HP) S6-40%   | 1 |

|    |           |   |   |
|----|-----------|---|---|
|    |           | <p>Balanced belt rollers D = 165 mm<br/> belt speed 25 m/s, Integrated dust hood,<br/> dust cowling D= 160 mm. Asymmetric loaded<br/> special sanding pad 300 x 150 mm<br/> belt size 5750 x 150 mm<br/> Self adjusting belt tension. Solid machine<br/> base, precise table height adjustment which insensitive to<br/> dust.<br/> Packing dimensions 1470x1160x2330 mm</p> <p>Sanding table 2200 x 800 mm with precision guiding and<br/> height adjustment sanding fence adjustable at workplace,<br/> ball<br/> bearing guided height adjustment f. effortless table<br/> adjustment, removable middle<br/> section sanding of frames and drawers</p>   |   |
| 5. | Panel Saw | <p>Saw unit with double trunnion for saw blade<br/> dia. 250-315 mm (350 mm non CE)<br/> Cutting height max. 104 mm, saw blade tilt<br/> with handwheel 90°-45°, saw spindle dia.30mm<br/> speed 4800 rpm</p> <p>EURO II saw guard<br/> riving knife G" - EURO safety hood,<br/> push stick</p> <p>Rip fence with round steel-bar guiding<br/> D=50 mm Series 500 (with fence plate)</p> <p>Scoring unit with motor 1 HP (0.75 kW)<br/> 1 PS (0.75 kW) S6/40% 3 x 400 V, 50 Hz</p> <p>Max. sawblade diameter without scoring<br/> blade: D= 315 mm</p> <p>Max. sawblade diameter with scoring<br/> blade: D= 300 mm</p> <p>Scoring blade cover<br/> Circular saw table extension 430 x 508 mm</p> <p>Sliding table, Table length 3200 mm<br/> Anodised</p> <p>10 years Warranty on the<br/> X-Roll. sliding table guiding system!</p> | 1 |

|    |                      |   |   |
|----|----------------------|---|---|
|    |                      | <p>Sliding table packing 3200 mm</p> <p>Outrigger table 1500 for cutting length 2500<br/>3200 mm, Table size 1150 x 640 mm</p> <p>Cutting width 1250 mm for K 700 (S)</p> <p>Crosscut fence 2600 mm (102") with mounting<br/>set for for outrigger 1300/1500</p> <p>Electrical system 3x400 V, 5,5 kW, S6-40%</p> <p>Direct start, Export<br/>50 Hz motor frequency</p>   |   |
| 6. | Manual Edge Bander   | <p>Stationary edgebanding machine for<br/>curved and straight edges<br/>glue pot with 1kg capacity and<br/>glue application with glue roller<br/>foot pedal cutting system<br/>edge thickness 0,4-3mm<br/>work piece height 8-60mm</p> <p>Heat resistant Table</p> <p>2 feed speeds 4m/min 8m/min</p> <p>Min. workpiece width ca. 30 mm</p> <p>Min. workpiece length ca. 200 mm</p> <p>Total power consumption ca. 4kW<br/>pneumatic connection min. 6 bar<br/>working table dimensions (LxB) 710x800mm</p> | 1 |
| 7. | Multi-Boring Machine | <p>Dowel drilling machine<br/>with 21 spindles. Equipped<br/>with 2 hold-down devices 2 stops at 1,5 m<br/>for line drilling 2 side stops with<br/>reading lens and 5 quick-action chuck<br/>8 mm Auto Depth Compensation<br/>Throat Depth 300 mm.<br/>Electrical system 3x400V 50Hz<br/>Locking system for side fence with 8 stops</p>   | 1 |
| 8. | Dust Collector       | <p>Dust extractor with rolling carriage<br/>3x400 V 50 Hz 1.5 hp (1,1 kW)<br/>Vacuum connector 140 mm<br/>A connection of the machine / extraction<br/>to an existing vacuum system must be</p>   | 3 |

|     |                     |  |  |
|-----|---------------------|--|--|
|     |                     | <p>made by the customer.</p> <p>I/SE - Dust reinforced hose D= 120 mm<br/>* extremely flexible * flame resistible *</p> <p>Quick coupling reduction pipe dia 140mm,<br/>hose dia 120mm</p> <p>Quick connection D=120mm, hose D=120mm</p> <p>Hose clamp D-125 mm</p> <p>Hose clamp D-130-150 mm</p>   |  |
| 9.  | Horizontal Mortiser | <p>Dust cowling D= 80mm, table 500mm x 300mm,<br/>extention possibility on 3 sides fixed</p> <p>stops for the workpieces on +90,+45,0,-45,-90</p> <p>Excentric workpiece holder standard.</p> <p>Mortise operations with a single lever.</p> <p>E-unit with motor<br/>2.2 kW (3 HP) 3 x 400 V 50/60 Hz</p> <p>Mortising chuck 0-20 mm</p> <p>Dowel Bit Guide<br/>L = 1200 mm, B = 800 mm, H = 1380 mm</p> <p>Longitudinal stop 2500 mm for FD 250</p> <p>Mitre fence for FD 250</p>  |  |
| 10. | CNC Router          | <p>Drive Motors - E-Servo</p> <p>Controls - Digital Signal Processor (WEIHONG)</p> <p>X-Y Movement - Rack &amp; Pinion, Gear Drive, Taiwan</p> <p>Z Movement - 20mm, Ball Screw Drive, Hiwin</p> <p>Computer interface - USB 2.0</p> <p>Command Code - G Code</p> <p>Spindle - HSD 6 KW, Air Cooling, 18000 RPM, Italy</p> <p>Oil Lubrication System – Standard</p> <p>Working Voltage - AC 380V / 11z, 3 Ø</p> <p>Maximum Speed - 35000 mm/min</p> <p>Resolutions - 0.025 mm</p> <p>X-Y-Z Axis Working Area - 1300 x 2500 x 200</p> |  |

|  |  |   |  |
|--|--|---|--|
|  |  | <p>Maximum Cutting Speed - 25000 mm/min<br/> Collet Type &amp; Size - ER 32 (12.7, 6, 3.175) mm<br/> Machine Size - 1750 x 2760 1500mm</p> <p><b>Features:</b></p> <p>1)Taiwan Linear Rail With High Precision<br/> 2)German Ball Screw With High Accuracy Cast Steel Structure Makes Our Routers More Stable</p> <p>3)Auto Lubrication Makes Maintenance Much Easier</p> <p>4) Type 3 use friendly software.</p> |  |
|--|--|---|--|

**III. ERECTION AND COMMISSIONING:-**

- a) The firm shall erect and commission the machine as per the plant diagram of the Livelihood Business Incubation Centre
- b) The firm shall arrange all necessary tools, consumables, welding m/c, chain pulley blocks necessary labour force, technical personal for carrying out the erection, alignment and commissioning of the new machine adhering all safety and security norms prevailing at IIE, Guwahati.
- c) Supplier should be arranging suitable electric cable /wiring required for the machine form panel board to machine. All cables to be neatly laid in cable trays.

**IV. TRAINING: - The firm should impart suitable training to IIE personnel for operation and maintenance of the machine during erection, commissioning at IIE.**

**V. SPARES:- As per user requirement.**

**VI. SERVICES:-Any other specific service required will have to be included in the scope of supply.**

**VII. MRLS FOR 02 YEARS & MANNUALS:-**

- a) The supplier has to include manufacturer recommended list of spares and cost thereof for 2 years successful running of machine in their quotation. However the same will not be considered for finalization of order.
- b) The supplier shall give addresses of the firm whom brought out spares has been arranged.
- c) The supplier shall agree to provide service support during the life of the machine.
- d) The supplier shall provide sets of operation and maintenance of machine in English and one set of compact disc in PDF format.
- e) The supplier shall provide 2 sets of preventive maintenance of machine in English duly laminated on cardboard so that same can be hanged near the machine.

**VIII. GUARANTEE/WARRANTY:-**

Supplier should give guarantee for the satisfactory performance of the machine for a period of 12 months from the date of successful commissioning.

Sd/-  
Administrative Officer (i/c)  
IIE, Guwahati

Forwarding Letter Format  
(To be provided in the official letter head of the bidder)

To,  
The Director,  
Indian Institute of Entrepreneurship,  
Guwahati, Assam

Subject: Supply and Commissioning of machineries and equipment for its Livelihood Business Incubation Centre on Wood Carving and Carpentry at IIE Campus, Guwahati

Dear Sir,

HAVING EXAMINED AND PERUSED THE FOLLOWING

1. **General Details and Conditions**
2. **Scope of Work**
3. **LBI Tender Bid Proforma**
4. **Checklist**

We hereby submit our quoted rates valid for 90 days from the date of submission of tenders. Should our tender be accepted

I/We agree :-

1. The tender document along with your letter of award or supply order shall constitute the bind contract between us and Indian Institute of Entrepreneurship, Guwahati.
2. In the event of failure to supply this item in full within the committed delivery period the order will be treated as cancelled.

SUPPLIER's SIGNATURE

Date:

Supplier Name & Seal

Tender Bid Proforma

**List of Machineries for Wood Carving and Carpentry**

| <b>General Machineries for wood work</b> |                                  |                         |     |      |   |         |
|--|----------------------------------|-------------------------|-----|------|---|---------|
| Sl. No.                                  | Machine Type                     | Brand and Specification | Qty | Rate | Amount(Rs) inclusive of freight/ transportation, taxes, charges, duty, transit insurance and installation | Remarks |
| 1.                                       | Band Saw                         |                         |     |      |   |         |
| 2.                                       | Planner Thicknesser              |                         |     |      |   |         |
| 3.                                       | Spindle Moulder with accessories |                         |     |      |   |         |
| 4.                                       | Wide Belt Sander                 |                         |     |      |   |         |
| 5.                                       | Panel Saw                        |                         |     |      |   |         |
| 6.                                       | Manual Edge Bender               |                         |     |      |   |         |
| 7.                                       | Multi-Boring Machine             |                         |     |      |   |         |
| 8.                                       | Dust Collector                   |                         |     |      |   |         |
| 9.                                       | Horizontal Mortiser              |                         |     |      |   |         |
| 10.                                      | CNC Router                       |                         |     |      |   |         |

Note: May add rows and columns if required

(Signature)

Date

Official Seal

Checklist

| Sl. No. | Type of Document   | Please Tick   |
|---------|--|---|
| 1.      | The forwarding letter of the tender  | <input type="checkbox"/> YES<br><input type="checkbox"/> NO |
| 2.      | Tender bid Proforma  | <input type="checkbox"/> YES<br><input type="checkbox"/> NO |
| 3.      | List of latest customers who have been supplied Plant & Machinery for similar Projects   | <input type="checkbox"/> YES<br><input type="checkbox"/> NO |
| 4.      | The Customer Feed Back   | <input type="checkbox"/> YES<br><input type="checkbox"/> NO |
| 5.      | Detailed description of the system   | <input type="checkbox"/> YES<br><input type="checkbox"/> NO |
| 6.      | Catalogue containing detail technical specification  | <input type="checkbox"/> YES<br><input type="checkbox"/> NO |
| 7.      | List of essential spares to be supplied  | <input type="checkbox"/> YES<br><input type="checkbox"/> NO |
| 8.      | ISO/Others Quality Certifications  | <input type="checkbox"/> YES<br><input type="checkbox"/> NO |
| 9.      | Details of manufacturing facility available in-house   | <input type="checkbox"/> YES<br><input type="checkbox"/> NO |
| 10.     | Certificate of registration/proof of ownership along address   | <input type="checkbox"/> YES<br><input type="checkbox"/> NO |
| 11.     | Copy of pan card   | <input type="checkbox"/> YES<br><input type="checkbox"/> NO |
| 12.     | TIN certificate  | <input type="checkbox"/> YES<br><input type="checkbox"/> NO |
| 13.     | VAT certificate  | <input type="checkbox"/> YES<br><input type="checkbox"/> NO |
| 14.     | Income tax Returns for past three financial years  | <input type="checkbox"/> YES<br><input type="checkbox"/> NO |
| 15.     | Certificate that the firm is not blacklisted by any Government/Private Organization  | <input type="checkbox"/> YES<br><input type="checkbox"/> NO |
| 16.     | Demand draft for tender fee  | <input type="checkbox"/> YES<br><input type="checkbox"/> NO |
| 17.     | Certificate that the firm has no pending vigilance/CBI case;   | <input type="checkbox"/> YES<br><input type="checkbox"/> NO |
| 18.     | Certificate that the firm is not supplying the same item at lower rates quoted in the tender to any government institution during the past one year, as per fall clause adhered by DGS &D and other government organization. | <input type="checkbox"/> YES<br><input type="checkbox"/> NO |

(Signature)

Date

Official Seal