



## हस्तशिल्प निर्यात संवर्धन परिषद् Export Promotion Council for Handicrafts

**OPEN TENDER REF No.EPCH-7/4(CFC-SAH./2017 16<sup>th</sup> November 2017**

The date for submission of bids [EPCH-7/4(CFC-SAH./2017 dated 24<sup>th</sup> October 2017] is extended upto 3.00 p.m. on 25<sup>th</sup> November 2017. All other terms & conditions remain the same.

**DIRECTOR**

**Export Promotion Council for Handicrafts**

EPCH House, Pocket 6&7, Sector-C, L.S.C. Vasant Kunj. New Delhi-110070

Tel.No. +91-11-26135256 / 57 /58 Extn.112

Email : [maiprojects@epch.com](mailto:maiprojects@epch.com)

EXPORT PROMOTION COUNCIL FOR HANDICRAFTS  
EPCH House, Pocket 6 & 7, Sector – C, LSC, Vasant Kunj,  
New Delhi – 110 070, India

**OPEN TENDER REF NoEPCH-7/4(CFC-SAH./2017**

**24<sup>th</sup> October 2017**

Bids are invited from reputed suppliers with relevant experience to manufacture, supply, install and commissioning of equipments / machines for woodworking as listed in Annexure –A of the tender document.

Interested bidders may obtain details of the tendered equipments, terms and conditions and eligibility criteria from the office of the Export Promotion Council for Handicrafts, New Delhi 110 070, Tel +91 11 26135256 Extn. 112 Fax +91 11 26135518 or download the documents from the web site [www.epch.in](http://www.epch.in) and submit their detailed sealed bids (technical and financial) separately.

The equipment are to be installed and commissioned at the premises of the Common Facility Centre, Saharanpur U.P. The last date for submission of bid documents is on or before 3.00 pm on 15<sup>th</sup> November 2017 at the office of the EPCH, Vasant Kunj, New Delhi 110 070.

**DIRECTOR**

Export Promotion Council for Handicrafts  
EPCH House, Pocket 6&7, Sector-C, L.S.C.  
Vasant Kunj. New Delhi-110070  
Tel.No. +91-11-26135256 / 57 /58 Extn.112  
Email : [maiprojects@epch.com](mailto:maiprojects@epch.com)

## **EXPORT PROMOTION COUNCIL FOR HANDICRAFTS**

EPCH HOUSE, Pocket 6 & 7, Sector – C, L.S.C.

Vasant Kunj, New Delhi 110 070, India

### **NOTIFICATION FOR PURCHASE OF MACHINES AND EQUIPMENT**

#### **TENDER REFERENCE No EPCH-7/4(CFC-SAH./2017**

The Export Promotion Council for Handicrafts ( EPCH ), a non profit organisation established under the Companies Act in 1956 is an apex body of handicraft exporters.

The EPCH invites bids from reputed manufacturers / suppliers in India or overseas for the supply of machines / equipments as detailed in **Annexure 1**.

The bids will be on a TURNKEY BASIS UNDER THE TWO BID SYSTEM. The machines will be supplied at site Common Facility Centre – Saharanpur-U.P. installed, commissioned, trial runs conducted and staff trained by the supplier. The equipments are required to be supplied at the Common Facilities Centre, Saharanpur, Uttar Pradesh, India.

Interested manufacturers / suppliers may obtain details of the tendered equipments, terms and conditions and eligibility criteria from the office of the EPCH, Vasant Kunj, New Delhi 110 070, Tel +91-11-26135256, Fax +91-11-26135518/19, maiprojects@epch.com or download the documents from the web site [www.epch.in](http://www.epch.in) and submit their detailed closed bids (technical and financial ) separately.

The last date for receipt of bid documents (both technical and financial ) is on or before 3.00 pm on 15<sup>th</sup> November 2017 at the office of the EPCH, Vasant kunj, New Delhi-110 070.

EPCH reserves the right to withdraw or cancel this notification and reserves the right to reject any or all of the bids without assigning any reason.

**The technical bid shall consist of documents pertaining to the following technical aspects:-**

- a) Firms which are not the OEM shall furnish copies of the dealership certificate / authorised supplier certificate.
- b) Certified copies of last 3 years audited balance sheet.
- c) Copies of PAN and GST registration.
- d) Details of similar supplies executed in the last 3 years with client name & contact no.
- e) Details of technical staff employed and their experience.
- f) Detailed equipment specifications.
- g) E.M.D. of Rs.1,00,000/- [One lacs] in favour of Export Promotion Council for Handicrafts.

**The financial bid shall consist of the following documents only:-**

The financial bid shall consist of price bid details including discounts / rebates / offers, etc.

A refundable EMD of INR 1,00,000/- ( One lakh only ) drawn in favour of the **Export Promotion Council for Handicrafts, New Delhi.**

The financial bid shall be opened subject to the technical bid qualifying to the specified terms.

The last date for receipt of both bids in sealed covers is the 15<sup>th</sup> November 2107 at the office of the EPCH, Vasant kunj, New Delhi 110 070.

## **TERMS AND CONDITIONS OF SUPPLY**

### **1) General**

The equipments are required with the objective of providing improved production facilities at Common Facilities Centre, Saharanpur, U P.

### **2) Supply**

Supply includes design, manufacture, transport, unloading, installation, commissioning, successful trial productions and training of operators. Equipments should be offered complete in all respects and conforming to specifications.

### **3) Warranty and performance guarantee**

Machines / equipments are to be warranted for a period of 12 months from date of commissioning. Warranty includes replacement of any parts or entire equipments if found to be substandard or with manufacturing defects.

In case of defects the supplier shall bear all costs including cost of the replacement parts / equipments, freight, fitting and any other related costs.

Equipments must be proved to perform at the rated capacity at the time of commissioning. Equipments must perform at the rated capacity for the entire period of the warranty.

### **4) Price**

Offered price should include:

- a) Cost of equipment, all duties, taxes, royalties, training charges, etc.

- b) Transport, loading, unloading and all related costs
- c) Any miscellaneous charges

**Note :**

- a) EPCH will only provide suitable electric power outlet near the proposed location of the equipment.
- b) Prices to be offered giving separately the costs for each item 'a' to 'c' above
- c) Offers without detailed machinery specifications and catalogues may not be considered.

**5) Payment**

Terms for payment are as detailed:

- 1) 10 % on release of order
- 2) 50 % on receipt of machine at site, CFC-Saharanpur – U.P. in good condition
- 3) 30 % on successful installation and performance evaluation
- 4) 10 % on completion of warranty period

**6) Evaluation**

The Export Promotion Council for Handicrafts will evaluate the technical proposal. Technical evaluation will be based on profile and track record of agency on the basis considering all terms and conditions in the bids in compliance with the points above. Technical evaluation will carry a weightage of 70% marks. Financial evaluation will carry a weightage of 30% marks. The agency with highest marks in total after adding the scores from the technical and financial evaluation will be awarded to the agency which gets the highest aggregate marks.

**7) Liquidated damages**

The delivery of the equipment at destination along with the necessary catalogues and manuals of the equipment is to be

made within the agreed period of delivery. Any failure on delivery schedule will invoke liquidated damages clause.

Liquidated damages shall be charged at 2% of the purchase order value per week or part thereof subject to a maximum of 10 % of the purchase order value. Once the maximum is reached the EPCH may consider termination of the contract and claim compensation for actual damages at suppliers risk and cost.

The acceptance of bid will rest with the Director, EPCH who does not bind himself to accept the lowest bid and reserves to himself the authority to reject any or all bids received without assigning any reason.

MR. R.K. Verma

Director

Export Promotion Council for Handicrafts

EPCH House, Sector –C, L.S.C.

Vasant Kunj, New Delhi -110070

## ANNEXURE – A

### SPECIFICATION OF MACHINES AND EQUIPMENTS TENDER REF No EPCH-7/4(CFC-SAH./2017

#### **1) VACUUM PRESSURE IMPREGNATION PLANT FOR TIMBER**

QUANTITY – ONE SET

TYPE – CYLINDRICAL, HORIZONTAL

CAPACITY – 50 CFT PER CHARGE

#### **SPECIFICATIONS**

- a) Treatment chamber cylindrical – 4ft diameter x 8 ft length constructed with 16.0 mm thick M S plates. Opening arrangement dished door mounted on fulcrum, operated manually with anti skid bolts and nuts. All steel material to conform to IS: 226 / 2062. Includes necessary internal rail track with loading trolley and anti float device. Pressure vessel capable of withstanding pressures upto 150 psi (tested upto 300 psi ) and vacuum of 650 mm Hg. Painted with min 2 coats of epoxy paint.
- b) Mixing tank – vertical and cylindrical type – 4ft diameter x 4 ft height constructed with 5.0 mm steel plates. Provided with top open and conical bottom with 1.0 hp motor powered agitator. All steel material to conform to IS 226 / 2062. Painted with minimum one coat of epoxy paint.
- c) Vacuum tank and pump – Construction of 5.0 mm MS plates conforming to IS 226 / 2062 with 3.0 HP water ring vacuum pump complete with necessary piping and valve connections for vacuum and water seal. Painted with minimum one coat of epoxy paint.



- d) High pressure pump – 2.0 HP horizontal type for fast generation of required pressure.
- e) Control panel – Fabricated steel construction with necessary controls for all drives and safety features as per standards.
- f) Pipe Lines – All pipe lines from mixing tank to sump, sump to main vessel, high pressure pump to main vessel, main vessel to vacuum tank, etc. Pipes to conform to ERW MS, C Class with slip on flanges for easy installation, Valves shall be manual, wheel operated and tested upto 300 psi.

## 1) TIMBER SEASONING KILNS

QUANTITY – 2 Nos

CAPACITY – 500 CUBIC FEET ( 15 CBM ) PER CHARGE

TYPE – MASONRY WITH AUTOMATIC CONTROL OF KILN TEMPERATURE AND HUMIDITY THROUGH DRYING CYCLE

### SPECIFICATIONS

- a) Masonry type – Detailed drawings for civil construction to be provided by the supplier for construction by the buyer. Supervision of construction to the specifications is suppliers responsibility.
- b) Timber stack dimensions  
Max stack length – 4.0 m, Max stack height – 3.0 m, Max stack depth - 3.0 m
- c) Air circulation system – Fans – 2 Nos, each with air circulation capacity of 28,000 m<sup>3</sup>/hr with aluminium blades and housing, fully reversible.
- d) Fan motors – 2 Nos, each 3.0 Kw, 380 – 415 V, IP55 and Class H type. Motors to have C4 class bearings filled with high temperature grease.
- e) Air venting system – Suitable aluminium dampers electrically operated for venting moist air.
- f) Humidification system – Stainless steel spray line complete with valve and strainers for steam spray.
- g) Heat exchanger – Aluminium fin type heating tubes with base tube of stainless steel and covered with aluminium fins.
- h) Main door – Sliding door system made of aluminium fabricated frame and aluminium profiles with temperature resistant rubber seal. Minimum 50 mm fibre glass insulation.
- i) Heating valve – Motorised stainless steel 2 way ball valve complete with motor actuator and manual override.

- j) Sub ceiling – Divider between fans and wood stack to be made from fabricated aluminium channels and sheet.
- k) Kiln controller – Fully automatic for control of kiln temperature and humidity throughout the drying cycle with respect to decreasing moisture content levels. Supply to include moisture content measuring probes. Minimum 25 standard drying programmes.
- l) Piping – Supply to include all piping suitably insulated for supply of steam from boiler to kiln including internal kiln piping and return line to boiler tank.

## **2) STEAM BOILER**

QUANTITY – 1 No

CAPACITY – EVAPORATION OF 300 Kgs / hour of water

TYPE – VERTICAL FIN TUBE TYPE

### SPECIFICATIONS:

- a) Working pressure – Maximum – 7.0 Kg / cm<sup>2</sup>
- b) Coal / wood fired
- c) Complete with combustion chamber, vaporiser, pre heater, steam exhauster and chimney. Including all necessary insulated piping, valves, non return valve, pressure gauge, blow down valve, air relief cock, water level gauge glass set, 3 stage pump with motor on base frame, cast iron grate, fire bricks and clay etc
- d) Tested and certified by relevant authority for operation in Saharanpur, U P.

## **3) DOUBLE SIDE PLANER**

QUANTITY – 1 No

CAPACITY – WORKING WIDTH 610 MM

TYPE – HEAVY DUTY

### SPECIFICATIONS:

- a) Maximum working width – 610 mm
- b) Working thickness – 8 to 200 mm
- c) Minimum working length – 300 mm
- d) Cutterhead speed – 5000 rpm
- e) Feed speed – 3 to 20 M / min

- f) Table size – 2600 x 675 mm
- g) Top cutterhead motor – 20 HP
- h) Bottom cutterhead motor – 15 HP
- i) Feed motor – ½ HP
- j) Complete with spiral cutterheads including TCT cutter tips and one additional set of TCT cutter tips.

## **5) STRAIGHT LINE RIP SAW**

QUANTITY – 1 No

CAPACITY – MAXIMUM DEPTH OF CUT 75 MM

TYPE – HEAVY DUTY – 415V, 50 Hz, 3Ph

### SPECIFICATIONS:

- a) Maximum depth of cut 75 mm
- b) Saw arbour motor – 10.0 HP
- c) Feed motor – 1.5 HP
- d) 3 Speeds ( 14 / 18 / 24 metres per min ) OR variable feed speed 11 to 32 M / min
- e) No of pressure rollers – 8 Nos
- f) With pneumatic brake
- g) With auto guide rip fence
- h) With 3 M laser light guide
- i) Complete with one set of tooling

## **6) PNEUMATIC CLAMPING CARRIER**

QUANTITY – 1 No

CAPACITY - SIX SECTION, 8 CLAMPS / SECTION

TYPE – HEAVY DUTY – 415V, 50Hz, 3Ph

### SPECIFICATIONS:

- a) Maximum working length – 2500 mm
- b) Maximum working width – 1300 mm
- c) Maximum working thickness – 90 mm
- d) 6 sections, 8 clamps per section
- e) Motor – 2.0 HP

f) Complete with pneumatic wrench tightener and 1 set panel flattener.

## **7) WIDE BELT SANDER**

QUANTITY – 1 No

CAPACITY – 1300 MM ,TWO SANDING HEADS

TYPE – HEAVY DUTY, 415V, 50Hz, 3Ph

### **SPECIFICATIONS:**

- a) Maximum working width 1300 mm +
- b) Maximum working thickness – 125 mm
- c) First head – Contact drum head for calibration with belt tensioning
- d) Second head – Combination head of drum and pneumatic pad for finish sanding
- e) First head motor – 30 HP, second head motor – 20 HP
- f) Feed motor – 5 HP
- g) Hoist motor – 1 HP
- h) Belt feed speed – 4 to 16 M /min
- i) Sanding belt speed – 21 M/sec, sanding belt length 2100 mm +
- j) Pressure units with rubber covered rollers at front and rear
- k) Fixed or floating table
- l) Oscillating air jet blowers for belt cleaning
- m) Complete with 12 sanding belts ( 3x60 grit, 3x 80 grit,3x 120 grit 3x 180 grit )

## **8) SLIDING COMPOUND MITRE SAW SAW**

QUANTITY – 2 Nos

CAPACITY –

TYPE – HEAVY DUTY WITH ADJUSTABLE ANGLE

### **SPECIFICATIONS:**

- a) Suitable for bevel cutting with fences for accurate work piece positioning.
- b) Scales for length and angle measurement
- c) Die cast heavy duty base with rotary turntable ( left or right )
- d) Saw blade tilting 47 degrees to either side
- e) Dust extraction hood and saw safety guard

- f) Motor power 1600 W, motor rpm 1400 to 3400
- g) Maximum cutting depth at 45 degrees 215 x 55 mm
- h) Complete with one set tooling

## **9) DUST EXTRACTION SYSTEMS**

QUANTITY – 3 Nos

CAPACITY – AS DETAILED BELOW

TYPE – INDEPENDANT FOR SINGLE MACHINE 415V, 50 Hz, 3 Ph

### **SPECIFICATIONS:**

- 1) Dust collector for double side planer and straight line rip saw  
Quantity – 2 Nos
  - a) Bag filter type unit – Capacity 4500 CMH
  - b) Motor capacity 5.0 HP
  - c) Filter bag size – Dia 64 x 102 cm x 2Nos
  - d) Collection bag size – 150 x 66 x 235 cm
  - e) Complete with DOL starter, PVC flexible hoses and adapter suitable for double side planer/ straight line rip saw.
- 2) Dust collector for wide belt sander – 2 head machine – 1 No
  - a) Bag filter type – Capacity 8000 CMH
  - b) Motor capacity 10.0 HP
  - c) Filter bag dia 125 x 1700 mm length x 72 Nos
  - d) Complete with DOL starter, PVC flexible hoses, metal ducting connecting dust extractor to sander, adapters, flanges, gaskets, etc

## **10) COMPRESSOR**

QUANTITY – 1 No

CAPACITY –

TYPE – SCREW TYPE -10.0 HP - 415V, 50Hz, 3Ph

### **SPECIFICATIONS:**

- a) Rotary air cooled, single stage, electric motor driven silenced screw compressor
- b) Capacity at normal working pressure – 58CFM
- c) Maximum working pressure – 7 Bar
- d) Complete with :

- 1) Dry paper type suction air filter with silencer
- 2) Three way solenoid valve, air check valve at discharge end
- 3) Air oil receiver tank and air receiver tank ( 300 litres )
- 4) 10.0 HP – 415V, 50 Hz, 3 Ph – induction motor
- 5) Power panel with starter, contactor, relays, single phase protection, emergency stop button, dial indicators for air discharge pressure and outlet air temperature.
- 6) Air drier with suitable pre filtering arrangement and air outlet ball valve
- 7) With first fill of oil and power cable.

**NOTES FOR SUPPLIERS :**

- A) Transporting, unloading, positioning, installing, commissioning, insurance, etc are the responsibility of the seller.**
- B) Foundation and detailed civil drawings are to be provided to the tenderer for civil construction in the case of the chemical treatment plant and seasoning kilns.**
- C) Skilled / unskilled labour, tools, tackles, etc are to be arranged by the supplier.**
- D) Equipments / machines are to be supplied complete in all respects.**
- E) For chemical treatment plant chemicals for testing will be provided by the tenderer.**
- F) For seasoning kilns timber will be provided for trials / testing by the tenderer.**
- G) For all other machines even if not specifically indicated, one complete set of tooling is to be provided.**

++++++