

**Government of West Bengal
Office of the
Deputy Director of Textiles
(Sericulture), Malda.**

Memo No. 781

Dated- 29.08.2017

TENDER NOTICE

Sealed Tender is invited in plain paper by the undersigned from bonafide Manufacturers/Agencies (Preference will be given to the CSB empanelled Manufacturers having experience /adequate knowledge for installation of such units) for installation of **08 (Eight) Nos.** (Approx) **Multifuel Hot Air Drying Chamber-100 Kg. (CSTRI- MALDA MODEL)** having 1HP Electric Motor with 1440 RPM. Sealed Tenders to be super scribed on the outer surface of envelop **“TENDER FOR MULTIFUEL HOT AIR DRYING CHAMBER-100 Kg. (CSTRI -MALDA MODEL)”**. Incomplete Tender in any respect will not be accepted. Preference will be given to the CSB empanelled Manufacturers having experience /adequate knowledge for installation of such units.

The rate is to be quoted for single unit inclusive of all expenditure for complete installation throughout the district. GST & IT will be deducted as per rules.

The tender should be accompanied with current PAN & GST No. Earnest money must be deposited @ **3%** of the total amount of quoted value by a demand DRAFT in favour of **“DEPUTY DIRECTOR OF TEXTILES (SERICULTURE), MALDA”**.

Implementation of entire work will have to be completed within 01(One) month from the date of issue of work order and payment will be made subject to the satisfaction of the Joint Inspection Committee and submission of documentary evidence through C.D. which will have to be borne by the Agency. Failure to complete the work within the stipulated period will be liable to cancel the work order including forfeit the security deposit without any further correspondences. Security deposit of the lowest Tenderer may retain by this office till completion of the work.

The rate accepted will be **valid up to 31st March, 2018** and request for midterm change will not be entertained. Any type of pre-condition regarding schedule of payment or interest on delayed payment if happened is not acceptable. Any such pre-condition in tender paper will make the tender offer liable to be rejected. Quantity of unit may vary depending upon the availability of fund or modified requirement at field level during placement of the work order.

The Tender will be received by this office through Registered Post/ Speed Post up to **02-00 P.M.** on **15.09.2017** and will be opened on the same day at **02-30 P.M.** in presence of members of the Purchase Committee and their authorized agent who so ever present. Work order will be issued and payment will be made subject to the availability of fund from Govt.

Acceptance of the lowest or any other Tender is not obligatory. The undersigned reserves the right to accept or reject any or more or all Tenders without assigning any reasons what so ever and take no responsibility or Tender received after the last date and time.

For any other detail information intending Tenderer may contract to this office. Details may also be seen departmental website www.seriwb.gov.org

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(Sericulture), Malda.

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Copy forwarded for information and wide publicity to:

- 1) The Savadhipati, Malda Zilla Parishad, Malda
- 2) The Commissioner of Textiles (Sericulture), West Bengal, Kolkata -700 013
- 3) The District Magistrate, Malda
- 4) The Joint Director of Textiles (Sericulture), North Zone, Siliguri, Darjeeling
- 5) The Post Master, Malda
- 6) The Scientist “D”, SCSB, Manaskamana Road, Malda
- 7) The Scientist “C”, REC Bagmara, Mothabari, Malda
- 8) The District Information & Cultural Officer, Malda
- 9) Notice Board/Departmental web site- www.seriwb.gov.org

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(Sericulture), Malda

**CSTRI MULTIFUEL HOT AIR DRIER
(CAPACITY - 100 KGS GREEN MULBERRY COCOONS)**

SPECIFICATION:

1. The hot air drier consists of inbuilt heating system using coal / fire wood etc., turbo blower for inside air circulation, air inlet and outlet, cocoon rack and trays for holding cocoons. The drier is of dismantle type with different segments like bottom, top, sidewalls and front doors. Racks for keeping cocoon trays are also fixed in either side of the oven inside the drier.

Size of the drier is of 145 cm height (including 23 cm leg), 213 cm wide and 150cm depth. The drier consists of one inbuilt elongated oven with Cast iron grate of 122 cm length and 30 cm wide. The width of the oven is 33 cm and it is covered by a semi circular heating plate made out of 12 gauge MS sheet for radiation of heat inside the drying chamber. The drier is to be provided with two doors at front side measuring 80 cm x 119 cm with effective locking system hinged at three places top, middle and bottom of the door. Upper portion of the oven is usually covered with a segment made of plywood covered both sides with aluminium sheet. The door of the chamber shall be airtight by using heat resistant rubber beadings to withstand the temperature up to 200°C.

2. Two sidewalls, back wall, top cover and floor of the drier are made in separate segments. The segments are made in rectangular ribbed structure with size wood of 5 cm x 2.5 cm, the outer side of which is first covered with 6 mm thick ply board and then it is covered with 24 gauge aluminium sheet. The inner side of the segments is covered with 24-gauge aluminium sheet only. The segments such prepared are fitted in a rectangular of M.S. Angle of 35 mm x 35 mm x 5 mm. Sidewalls, back wall, top cover and doors are assembled on the floor of the drier and fixed with the help of nut bolts. The drier should be capable of maintaining initial maximum temperature of 120°C after loading the cocoons. The temperature uniformity should be $\pm 2^\circ\text{C}$.

3. Cocoon holding trays and trolleys: Cocoon holding trays shall be of 61 cm width x 122 cm length and 5 cm height. All the sides of the cocoon trays shall be made out of GI sheet of 16 gauge folded neatly and bottom of the tray shall be of 16 gauge galvanized iron (GI) mesh. All the side riveted with smooth surface and do not have sharp edges. 24 trays shall be housed inside the drying chamber in two racks (10 trays in each row). Dimension of each rack shall be 122 cm height x 64 cm width x 122 cm length and is made of 25 x 25 x 3 mm M.S angle.

4. Air circulation: Air circulation inside the drier is done with the help of turbo blower run with the help of 1 HP motor with 1440 RPM. The motor is placed on M.S. frame at the outer side of the back wall at center position keeping the shaft of the motor inside the drier. The turbo blower with 35 cm diameter is fitted on the motor shaft. Two Nos. moisture outlets of size 20cm x 15 cm are provided on the top cover of the drier. There is also provision for closing the outlets. Two Nos. of the air inlets are provided at the bottom portion of the sidewalls. Size of the air inlets is 8 cm x 8 cm and also provided with baffle plates for closing the inlets when required.

5. Chimney: One chimney of 10 cm diameter and 180 cm height made of 20 gauges M.S. sheet is placed on the oven inside the drier and goes through the top cover.

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