



COIRCRAFT

KERALA STATE COIR CORPORATION LTD.

KSCC/PRO/7/23-24/08

20/10/2023

EXPRESSION OF INTEREST

Kerala State Coir Corporation invites expression of interest for undertaking Rubber Backing unit at H O factory, Kerala State Coir Corporation, P.B.No.191, Sea View Ward, Alappuzha on monthly rental basis.

ELIGIBILITY CRITERIA

- a) Should have experience at least 5 years in the production of different kinds of rubber mats, coir moulded mats, pp mats etc
- b) The bidder should have a valid PAN/GST registration; Copy of same should be attached along with the tender.

SCOPE OF WORK

- Run the Rubber backing unit on monthly rental basis
- Repair and Maintenance of machines are under the bidder's scope
- Actual electricity charge for running the unit shall be paid extra

FACILITIES OFFERED

1. RUBBER MIXING MILL 16" X 42"

- UNI DRIVE RUBBER MIXING MILL 16" X 42" with Chilled Cast Iron Rolls of size 400 x 1050 mm (16" X 42" long) having surface hardness of about 500 BHN and chill depth of 15-20 mm fitted in heavy duty cast iron frames.
- Bronze bushed bearings with forced lubrication system.
- Connecting gears in forged steel, with all gear wheels hob cut.
- Manual nip adjusting mechanism
- Complete with all basic accessories with 60 HP TEFC SC 1440 RPM motor and suitable 3stage hardened and ground Helical reduction gear box on MS fabricated mono base frame Starter pane with lubrication interlock, braking and roll reversal facility.



ISO 9001-2015 certified Govt. Company / P.B.No.191, Vazhicherry Ward, Alappuzha-688001, Kerala, India
Tel. 91-477-2240101-124 (F) 91-477-2243112 / coircorporation@coircraft.com / www.coircraft.com

2. SPECIAL TECHNICAL FEATURES OF RUBBER MIXING MILL

Rolls: The rolls should be cored type and should be made from special chilled cast iron and having Brinell Hardness of 480-500 and depth of chill 16-18 mm. The working surface and roll journals should be ground finished smooth

- Roll dia: 16" X 42"
- Nip Adjustment 2 mm to 10 mm (working)
- Roll Nip Adjustment: 50 mm (Manual)
- Batch Capacity: 55 Kg
- Working Range: 0.5 mm to 10mm
- Roll Speed : Front 18.9 and Rear 20.4
- Friction Ratio :1:1.18(Can be changed as per requirement)

3. RUBBER MOULDING HYDRAULIC PRESS

- ✓ Capacity—400 tons
- ✓ Frame type with 2 Nos. x 40 mm thick frame with 32" x 32" steel Platens drilled and plugged for thermic fluid heating
- ✓ Top and Bottom bolsters out of solid steel plates
- ✓ Four Daylight with 6" Daylight GAP and 16" dia cylinder complete with 7.5 HP Hydraulic power pack.

DOCUMENTS TO BE SUBMITTED

- a. Details of Previous experience in the relevant field.
- b. Balance sheets of Last 3 years including August 2023
- c. Copy of PAN or GST

Interested participants may download the application and the scanned copy of filled application shall be sent to KSCC, mail id kscceprojects@gmail.com on or before 8th November 2023. The short listed firms being invited for a detailed discussion at KSCC Head office, Alappuzha. For more details call: 8075992699, 9383433605

Date: 20/10/2023

Place: Alappuzha


General Manager

SI No.	Items	Information to be filled by participant
1.	Name of participant	
2.	Address	
3.	Telephone Number: Office/Residence: Mobile Number: e-mail address:	
4.	Month and year in which the firm/company was formed/incorporated	
5.	Proof showing experience in the relevant field	

Date:

Name and signature

Place:

Office Seal