

**M/s. Yuvasakthi**  
(Implementing Agency - Andaman Coir Cluster)

*Tender No: SFURTI-II/ANDAMAN/MC-01/2021-22 dated 30.06.2021*

**Tender for the supply, erection and commissioning of machineries, equipments and its accessories for the common facility centre of Andaman Coir Cluster on Turnkey basis**

**CORRIGENDUM-1 dated 17.07.2021**

The above tender was already published in the website on 30.06.2021 and the last date for submission of tender documents for the above tender is **22.07.2021, 11.00 AM**. Based on the queries received through mail/letters, the following amendments are issued in the tender schedule:

<b>S.No</b>	<b>Page No</b>	<b>Clause No.</b>	<b>Existing Clause</b>	<b>Revised Clause</b>
1.	13 & 14	Annexure – I Technical Specification (Package I & II)	Technical specification for coir fibre extraction facility & Coir two ply yarn spinning machine is modified.	Modified Technical specification for coir fibre extraction facility & Coir two ply yarn spinning machine is given below.

**SECRETARY**

**PACKAGE - I***(Coir Fibre Extraction Facility - 1 No.)***TECHNICAL SPECIFICATION**

<b>S.No</b>	<b>Machinery / Equipments</b>	<b>Specification</b>
1.	Decorticator (8 ft.)	<ul style="list-style-type: none"> <li>➤ Capacity: 1000 Kg. fibre/ 8 hr.</li> <li>➤ Shell dia: 40 inches (1,016 mm)</li> <li>➤ Shaft dia: 90 mm (Pipe shaft)</li> <li>➤ Power: 80 HP</li> </ul>
2.	Fibre Screener (9 ft.)	<ul style="list-style-type: none"> <li>➤ Conical Type: 54” front Dia &amp; 72” Rear Dia</li> <li>➤ Power:2 HP</li> </ul>
3.	Pith Screener (9 ft.)	<ul style="list-style-type: none"> <li>➤ Conical Type: 54” front Dia &amp; 72” Rear Dia</li> <li>➤ Power:2 HP</li> </ul>
4.	35 Kgs. Baling press (Screw Type)	<ul style="list-style-type: none"> <li>➤ Capacity: 10 to 12 bales per hour</li> <li>➤ Power:3 HP</li> </ul>
5.	Plain Conveyor	Min 195 ft.
6.	Motors	As required for each machine, of standard brand
7.	Other accessories	Panel boards, Electrical items, Bed bolts etc.

**Any material or equipment not specifically stated in the specification but which are necessary for satisfactory operation of the machine shall deem to be included in the scope of supply.**

**PACKAGE - II**  
(Coir Two Ply Yarn Spinning Machine – 6 Nos.)

**TECHNICAL SPECIFICATION**

**(i) Specification for Product/Machinery Output/ Performance (Strict adherence required)**

<b>Product Requirement/Machine Output/Performance</b>	
Output Capacity per machine	Min. 80kg to 110kg / 8 hours, depending on yarn runnage
Finished product (Yarn) range	100 to 200 mtr. runnage for loose & hard twist yarn

The tenderer shall offer the Double Head Double Conveyor type Coir yarn Spinning machine with Auto feeding system strictly meeting the above requirements on Product/Machinery output.

**(ii) Machinery Specification (Equivalent/Superior specification required)**

<b>S.No</b>	<b>Machinery / Equipments</b>	<b>Specification</b>
1.	Turbo willowing machine with Motor - 2 Nos.	Power : 2 HP
2.	Two Ply Coir Yarn spinning machine – 6 Nos.	Double head, Double combing with 1.5 HP 1440 RPM, Motor each. Capacity: As prescribed in Item (i)
3.	Auto feeder for Double head spinning machine – 6 Nos.	With 1 HP 1440 RPM Motor, counter shaft type and Panel board
4.	Auto Rewinding machine – 2 Nos.	Included of standard quality suitable for the main machinery

**Note:**

All required ISI standard motors, starter, main switch, cables with electrical feedings and accessories are included in the supply along with machineries.

**Additional specifications for spinning machine:**

<b>Description</b>	<b>Specification</b>
Size	20'*3'4"*7' (l*b*h)
Minimum weight	900kg
M.S.Rectangular Pipe – Branded	100 * 50mm Size
M.S.Angle - Branded	50 * 6 Angle
Gear Wheels	Hardened
Chain	Diamond (Branded)
Chain Sprocket	Hardened – ½ inch
Back sheet	S.S. material - 430 Grade
Conveyor Belt	P.V.C.Material
Reeper	Compressed wood
Bobbin	UPVC Material
Nozzle	Tip Type (Hardened).
Needle	Hardened
Drive system	0.25 Hp motor & gear box

The above machinery specifications are proposed for the required Product/ Machine output/ performance stated in Item Annexure I (i). Electric Motor should be of reputed brand, with optimum output power suitable for smooth functioning, maximum production with minimum power consumption provided with starters and safety features with minimum warranty of one year. Machinery should be capable of producing the required quality and quantity prescribed. Specific Details of the machineries developed by adopting suitable technologies for quality improvement, output and reduced operational cost can be submitted on separate sheet.

The tenderer shall offer the “Double Head Double Conveyor Type Spinning Machine with Auto Feeding System” with EQUIVALENT / SUPERIOR specifications to meet the Product/ Machine output/ performance requirements mentioned in Item Annexure I (i) of this section.

Any accessories/parts/components not specifically stated in the specification but which are necessary for satisfactory operation of the machine shall deem to be included in the scope of supply.