

**KARNATAKA STATE COIR DEVELOPMENT CORPORATION LIMITED**  
**(A Govt. of Karnataka Enterprises)**

## **TENDER DOCUMENT**

**TENDER NOTIFICATION No.KSCDC/M(Dev)/TN-23/2017-18**

**Dated :**

**For supply of DOUBLE HEAD 2 PLY YARN SPINNING MACHINES**

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**V.I.T.C. BUILDING, KASTURBA ROAD,  
BANGALORE – 560 001  
PH NO. 080 22865866/22865868, FAX NO. 080 22865865**

**KARNATAKA STATE COIR DEVELOPMENT CORPORATION LIMITED**  
**VITC BUILDING, KASTURBA ROAD,**  
**BANGALORE-560 001**

No. KSCDC/M(Dev)/TN-23/2017-18

Date :

**NOTICE INVITING FOR SUPPLY OF DOUBLE HEAD 2 PLY YARN SPINNING  
MACHINES (THROUGH E-PROCUREMENT PORTAL)**

Tenders invited in the prescribed form as per KTPP Rules 2000 through e-procurement portal in duplicate in two cover bid system consisting of Technical Bid and Financial Bid for the supply of following coir machineries.

1. Double Head 2 Ply Yarn Spinning Machines

Conveyor manufacturers/Supplier for supply, erection and commissioning of **DOUBLE HEAD 2 PLY YARN SPINNING MACHINES** shall participate in the tender. The technical bid and financial bid to be submitted through e-procurement (website: <https://eproc.karnataka.gov.in>) as “**TECHINICAL BID AND FINANCIAL BID**”. Financial bid will be considered, those bids submitted under the Technical Bid satisfying the terms and conditions laid under Tender condition of Technical Bid.

- a) Date of issue of Tender Form is : 14.03.2017 to 13.04.2017 Upto 1.00 P.M.  
b) Last Date for receipt of Tender : 13.04.2017 Upto 3.00 P.M.  
c) Opening of Technical bid : 15.04.2017 at 3.30 P.M.  
d) Financial bid opening : 17.04.2015 at 11.00 A.M.

**Annexure to Tender Notification No. KSCDC/M(Dev)/TN-23/2017-18, Dated :**

**a. DOUBLE HEAD 2 PLY YARN SPINNING MACHINES:**

Sl. No.	Items	Particulars	Destination
01	Double Head 2 Ply Yarn Spinning Machines	Production of 2 ply coir yarn in different runnage with variable twist, 100-200 Runnage Yarn 40-50 Kgs. and 200-300 Runnage Yarn 25-35 Kgs. per shift of 8 hrs. with 100 meters/kg to 300 meters/kg - Loose or Hard twist. The machineries should be in accordance with specification as shown Technical Specification.	Coir Production Centre, Karkala Industrial Estate, Karkala Taluk, Udupi District.

## **TECHNICAL SPECIFICATION**

### **01. DOUBLE HEAD 2 PLY YARN SPINNING MACHINES WITH DOUBLE CONVEYOR FIBRE FEEDING ATTACHMENT:**

#### **SPECIFICATION:**

A. Spinning capacity of machine	:	2 ply coir yarn in different runnage With variable twist
B. Production capacity per shift of 8 hour	:	100-200 Runnage Yarn 40-50 Kgs. 200-300 Runnage Yarn 25-35 Kgs.
C. Range of Yarn Runnage	:	100 meters/kg to 300 meters/kg Loose or Hard twist.

#### **TECHNICAL SPECIFICATION:**

1. Double Headed automatic spinning machine with auto bobbin movement
2. Double conveyor direct fibre feeding attachment with double combing system
3. Direct Fibre feeding attachment in place of Sliver feeding system
4. Flow Process: Fibre feeding on to the first conveyor randomly and taken up by grip rollers and then passed on to the second conveyor by first combing drum for uniform web formation. The guide mechanism to be designed for the web formation of fibre in the random or longitudinal direction. The orient fibers taken to the draft roller mechanism and then passed on the "W" tray system by a second combing drum. The double combing system should be run by single motor having capacity of maximum 1 H.P. to save electricity consumption. The Lead thread either cotton thread or plastic thread in the "W" tray should take up the coir fibre and twisted as single strand and then made doubled with twist mechanism with differential twist system.
5. The coir yarn formed should be wound on to the plastic bobbin for longer durability.
6. Cam mechanism should be provided for the uniform winding of yarn on the plastic bobbin.
7. The design to take four single strand, two twisting heads and two bobbing winding frames.
8. All rotating parts should be run with Pillow block bearings or ball bearings to reduce friction during running and reduce power consumption. Overall machine should have 22 Pillow block bearings and 32 Ball bearings.
9. Motor capacity is 1.0 H.P, 1440 rpm, foot mounted of Kirloskar/Crompton/V-Guard make .
10. All Spur Gears and Bevel gears should be made of Case Hardened Alloy steel of 20 MNCR 5 grade and all sprockets should be made of En-8 grade steel to reduce the wear and tear. Main Frame structure fabricated using ISMA 50 standard Angles.
11. Adjustable sprockets to be provided in the main shaft for both hard and loose twist coir yarn production.
12. Imported material shall be preferable for all conveyors.

13. Main belts should be of Fenner Make.
14. The main machine frame, guards, safety covers and guide plates should be powder coated
15. The balance machine parts other than powder coated shall be zinc chrome electroplated
16. Special Nylon strips shall be used in place of wooden strips in the combing drums for resisting easy strip breakage and replacing of new combing pins without distorting the holes.
17. Imported gear box shall be used for trouble free service.
18. Plastic bobbins shall be used for yarn winding in place of wooden or iron bobbin to reduce wear and tear on the bearings. 6 Nos. per machine shall be provided.
19. Machine should be having Electronic Sensor controlled Auto cut stop arrangement to facilitate easy machine operation with suitable control box.
20. "W" tray should be made of Fibre Reinforced Plastic with one side smooth gel coat finish for smooth coir fibre movement.
21. Extended fibre feeding attachment is preferred in the machine to reduce the labour cost.
22. Shall supply the consumable, spare parts as on when required to be replaced at cost.

#### **PRODUCTION PARAMETERS:**

1. Machine should be able to produce vycom loose twist yarn of 150 – 180 runnage to suit tufting mat production.
2. Machine should be versatile to make all types of Coir yarn varieties like Anjengo, Mangad, Vycom, Aratory, Dutch/Coridor Mat Yarn etc, with runnage varying from 100 to 300 meters per kilogram both hard and loose twist.

#### **GENERAL TERMS AND CONDITIONS**

1. Tender should be submitted through e-procurement only.
2. Reputed Manufacturers/supplier shall only quote.
3. Delivery period 30 days from the date of supply order.
4. The supplier should quote for all the items invariably inclusive of all taxes for F.O.R. Destination. Otherwise, the tender will be rejected.
5. Tenders not supported by EMD are liable for rejection.
6. The supplier shall be responsible for the supply, erection, installation and commissioning/successful trial production to the satisfaction of the Corporation.
7. Non compliance to the schedule time of delivery within the period stipulated by the Corporation attracts the penalty at the rate of 18% p.a. on the total amount of supply order.

8. The Managing Director, KSCDC Ltd. reserves the right to accept / reject any or all the tenders without assigning any reasons thereon.
9. The Tenders will be opened on \_\_\_\_\_ at **3.30 P.M.** in this office in the presence of such tenderers / their authorized representative.
10. Other details if any, may be obtained from the office of the undersigned.

## **GENERAL INFORMATION FOR THE TENDERERS**

### **1. THE PROJECT**

The project is being implemented by the Karnataka State Coir Development Corporation Ltd., with the financial assistance from the Government of Karnataka, to install **DOUBLE HEAD 2 PLY YARN SPINNING MACHINES.**

### **2. WE LOOK FOR**

We look for manufacturers/suppliers who have got excellent track record in supply, installation, erection and commissioning of **DOUBLE HEAD 2 PLY YARN SPINNING MACHINES.**

### **3. ESTIMATED QUANTITY**

The estimated requirement of **DOUBLE HEAD 2 PLY YARN SPINNING MACHINES** is indicated in the Tender Notification dated : \_\_\_\_\_ in Annexure-II.

### **4. DESTINATION OF SUPPLIES**

The successful bidder will have to deliver the **DOUBLE HEAD 2 PLY YARN SPINNING MACHINES** to F.O.R. **Destination** as indicates by the Corporation.

### **5. WHOM TO CONTACT**

For any other information, Managing Director, Karnataka State Coir Development Corporation Limited, Bangalore may be contacted.

### **6. SUBMISSION OF BID**

- a) Only bids in the prescribed format annexed with this Tender document will be considered.
- d) The Tenderers will have to submit both “**Technical Bid**” and “**Financial Bid**” through e-procurement only.

### **7. TWO BID SYSTEM**

The Two Bid system shall be followed namely 1. Technical Bid and 2. Financial Bid. The Financial Bid of only those bidders who will qualify in the technical bid will be opened and the contract will be awarded to **L1** based on the evaluation criteria.

### **8. TECHNICAL BID**

The technical bid duly filled in the prescribed format at **Annexure-A & B** should be submitted.

**9. FINANCIAL BID**

The rate per Unit for supply, erection, installation, commissioning and transportation to the F.O.R. destination as indicated in the tender notification dated: \_\_\_\_\_ shall include all taxes, freight and other charges levies, if any. The rate should be mentioned both in words and figures in the format for Financial Bid by the bidder in **Annexure – C** in the tender document. Cutting or over writing on the financial bid will be treated as disqualify bid.

**10. EARNEST MONEY**

E.M.D. shall be paid as per Annexure-I through e-procurement following modes: **a)Credit Card, b)Debit Card, c)NEFT (National Electronic Fund Transfer) & d)OTC (Over the Counter ICICI Bank payment)** and the same will be retained as Security Deposit till the satisfactory performance and proper functioning of machineries ascertained.

**11. OPENING OF BID**

The Technical Bid will be opened on \_\_\_\_\_ at **3.30 P.M.** in the office of the Managing Director, Karnataka State Coir Development Corporation Ltd., Bangalore.

**12. EVALUATION OF BIDS**

**A. TECHNICAL BID :**

KSCDC will proceed with a detailed evaluation of tenders to determine whether the technical proposal (without price schedule) comprising the tender are substantially responsive to the requirement said forth in the tender documents. In order to reach such a determination KSCDC will examine and compile the technical aspects of the tenders based on the information supplied by the tenders taking into account the following factors in the manner and to the extent indicated.

1. Conformity to the technical specifications and scope of tenders specified in the tender documents.
2. Conformity to the required delivery schedule specified in the tender document
3. Conformity to the general terms of conditions of the contract specified in the tender document.
4. Conformity to the list of documents required to be submitted for the Technical Bid.

**13. NOTIFICATION OF TECHNICAL BID EVALUATION, RESULTS OF TENDERERS**

KSCDC WILL EITHER :

Reject the tender that is substantially non-responsive :

Or

Reject the tender that has been submitted by a Tenderer not meeting the minimum qualification set forth in the Tender Document.

**14. EVALUATION OF FINANCIAL BID :**

The successful tenderer in technical evaluation will be notified and then the financial bid of such tenderers will be opened

The comparison of rates offered shall be on the basis of total rates offered with duties and inclusive of all taxes as applicable.

KSCDC evaluation of tenders will also take account in addition to the tender prices indicated, the following factors :

1. Delivery schedule offered in the tender.
2. The performance and production capacity of the Machineries.

**15. CONTACTING KSCDC :**

No tenderer directly or indirectly shall contact KSCDC on any matter relating to the tender from the time of tender opening to the time of contract, if awarded.

**16. AWARD OF CONTRACT :**

Based on the detailed evaluation report prepared and accepted by the Managing Director, KSCDC will award contract to the successful tenderers whose tenders are determined to be substantially responsive provided further that the tenderer is determined to be qualified to perform the contract satisfactorily.

**17. NOTIFICATION OF AWARD:**

The KSCDC will notify the successful tenderer in writing by registered Letter /courier confirming the acceptance of tenderer. The notification of award will constitute the formalizing or conclusion of the contract.

**18. SIGNING OF CONTRACT:**

Along with the notification of the successful tenderer the KSCDC will send the formal contract incorporating all the terms and conditions within two weeks of receipt of formal contract, the successful tenderer shall sign the contract with the KSCDC on the stamp paper of Rs.200/- in the **Annexure - D**.

Failure of the successful tenderer to compile with the requirement of this clause shall constitute sufficient ground for annulment of award and forfeiture of EMD, in which case KSCDC may make award to the next rated tenderer or call for new tender.

**19. SUBMISSION OF BILL AND MODE OF PAYMENT**

- a) The supplier will submit bills, to the MD, Karnataka State Coir Development Corporation Ltd., Bangalore, duly certified by the concerned Regional Manager/Production Unit Incharges/Authorised official.
- b) After scrutiny of the bills payment will be made to the supplier by the Karnataka State Coir Development Corporation Ltd., Bangalore
- c) All payments shall be made through A/c Payee cheques / DDs /RTGS only.
- d) Payment method :
  1. 50% on delivery of equipments/machineries at the site as per the specification mentioned in the tender on certification from the concerned official of the Corporation.
  2. 50% after erection and commissioning/testing of machineries/equipments in good condition at sites including successful trial production to be certified by official authorized by Managing Director.
- e) No advance payment is entertained.
- f) Successful bidder should furnish warranty/guarantee certificate while submitting the bills for payment.

**20. SUBLETTING**

Subletting of the work is strictly prohibited. In case of subletting the contract will be terminated and the security deposit will be forfeited. Legal proceedings will also be initiated.

**21. INSPECTION**

- a) The Managing Director, Karnataka State Coir Development Corporation Ltd., Bangalore or authorized officer will inspect **MACHINERIES/EQUIPMENTS** before delivery at manufacturer premises.
- b) The **DOUBLE HEAD 2 PLY YARN SPINNING MACHINES** manufactured are not as per specifications stipulated will result in termination of contract. The decision in this regard will be taken by the Managing Director, Karnataka State Coir Development Corporation Ltd., Bangalore will be final and binding on both the parties.

**22. DISPUTES**

All disputes arising out of this contract will be settled by the mutual consent. Any decision taken by the Managing Director, Karnataka State Coir Development Corporation Ltd., Bangalore in this regard, will be final and binding on both the parties. However, any legal issues arising out of this contract would be subject to the jurisdictional courts in Bangalore, Karnataka.

**23. SECURITY DEPOSIT**

Successful bidder shall agree for retaining E.M.D. as Security Deposit till the satisfactory functioning of the machineries installed. Further, in case of additional machineries/equipments is to be procured, the rate, terms and conditions of the tender remains same. The additional security deposit of 5% on the value of the machineries to be procured if any, shall be deposited soon after receipt of intimation in respect of any of the machineries/equipments for the current financial year.

**GENERAL TERMS AND CONDITIONS OF CONTRACT FOR SUPPLY OF DOUBLE HEAD 2 PLY YARN SPINNING MACHINES.**

**1. Definition of Terms :**

In constructing these General Conditions and the annexed specifications the following words shall have the meaning herein assigned to them unless there is anything in the subject or context inconsistent with such construction:

- A). The “Purchaser” shall mean the “**KARNATAKA STATE COIR DEVELOPMENT CORPORATION LTD**” and shall include his successors and assigns.
- B). The “Contractor” shall mean the Tenderers whose tender shall be accepted by the Purchaser and shall include such Tenderers heirs, legal representatives, successors and assigns for supply of plant and machinery/carry out civil works.
- C). The “Sub Contractor” shall mean the person named in the contract for any part of the work or any person to whom any part of the Contact has been sublet with the consent in writing of Managing Director and the heirs, legal representatives, successors and assigns of such person.
- D). The “Managing Director” shall mean the Managing Director of Karnataka State Coir Development Corporation such other officer as may be duly authorized and appointed in



writing by the Purchaser to act on behalf of the Corporation for the purposes of the Contract and in case where no such officer has been so appointed, the Purchaser or his duly authorized representative.

- E). “Plant”, “Equipment”, “Material”, “Work” or “Works” shall mean the plant and materials to be provided and or work or works to be done respectively by the Contractor under the Contract.
- F). The “Contract” shall mean and include the General Conditions specifications, Schedules, Form of Tender, Covering letter, Schedule of prices, and the Agreement to be entered into under clause 3 of these General Conditions.
- G). The “Specification” shall mean the Specification mentioned in the Tender Document and in the Bid Form (Both Technical and Financial Bid)
- H). The “Site” shall mean the site of the proposed work as detailed in the tender notification and where work is to be executed under the Contract.
- I). “Month” shall mean calendar month.
- J). “Writing” shall include any manuscript, typewritten or Printed statement under or over signature or seal, as the case may be.
- K). Words “Contractor” shall include Firms, Companies, Corporation and other bodies whether incorporated or not.

**MANAGING DIRECTOR**

**ANNEXURE - I**

**Annexure to Tender Notification No. KSCDC/M(Dev)/TN-23/2017-18**

**Dated : \_\_\_\_\_**

Sl. No.	Items	Particulars	E.M.D.	
			Rs.	Tick Appropriate Check Box
01	Double Head 2 Ply Yarn Spinning Machines	Production of 2 ply coir yarn in different runnage with variable twist, 100-200 Runnage Yarn 40-50 Kgs. and 200-300 Runnage Yarn 25-35 Kgs. per shift of 8 hrs. with 100 meters/kg to 300 meters/kg - Loose or Hard twist. The machineries should be in accordance with specification as shown Technical Specification.	25,000/-	<input type="checkbox"/>

**ANNEXURE – II**

**Annexure to Tender Notification No. KSCDC/M(Dev)/TN-23/2017-18**

**Dated : \_\_\_\_\_**

**APPROXIMATE REQUIREMENT**

Sl. No.	Items	Particulars	Approximate Requirement
01	Double Head 2 Ply Yarn Spinning Machines	Production of 2 ply coir yarn in different runnage with variable twist, 100-200 Runnage Yarn 40-50 Kgs. and 200-300 Runnage Yarn 25-35 Kgs. per shift of 8 hrs. with 100 meters/kg to 300 meters/kg - Loose or Hard twist. The machineries should be in accordance with specification as shown Technical Specification.	5 Nos.

ANNEXURE – A

**TECHNICAL BID**

(To be filled by the bidder)

1. Name & Address of the Bidder:
2. Particulars of Bidder`s constitution :
  1. If Proprietorship : Name of the Proprietor  
  
Full Address  
  
Particulars of his other business, if any
  2. If Partnership firm:
    - a) Name of partners and their address
      - 1.
      - 2.
      - 3.
      - 4.
    - b) Is partnership deed registered YES/NO
    - c) Date of registration and name of Registering authority.
  3. If Ltd. Company under Indian Companies : Please State
    - a) Private Ltd. Or Public Ltd.
    - b) Registered Office`s Address
    - c) Date of Certificate in incorporation
    - d) Authorised Share Capital
    - e) Subscribed Share Capital
    - f) Main business of the company
3. Location of Production Unit/Units, in case of manufacturers
4. Year of Establishment
5. Name and Address of the Bankers

**Signature of the Bidder**

**ANNEXURE –B**

**TECHNICAL BID EVALUATION**

**Annexure to Tender Notification No. KSCDC/M(Dev)/TN-23/2017-18 Dated :**

**A. PROFORMA FOR PAST PERFORMANCES FOR SUPPLY OF DOUBLE HEAD 2 PLY YARN SPINNING MACHINES.**

**NAME OF THE TENDERER :**

Sl. No.	Name & Address of parties to whom machineries are supplied	Name of the Machineries	No. of machineries	Date/Year of supply	Performance report from the user	Address where machineries can be inspected	Remarks

**Signature of the Bidder**

**ANNEXURE – C**

**FINANCIAL BID**

(To be filled up by the bidder)

EMD in Rs.                    /- on the cost  
of **Double Head 2 Ply Yarn Spinning Machines**

Bank D.D. No.                    :  
Date                                    :  
Remitted to                         :  
Drawn on Bank                    :

Tenderer`s Name :

Address :

**Annexure to Tender Notification No. KSCDC/M(Dev)/TN-23/2017-18**

**Dated : \_\_\_\_\_**

**DOUBLE HEAD 2 PLY YARN SPINNING MACHINES:**

Sl. No.	Items	Particulars	Units	Destination	Rate/Set	
					In Figures	In Words
01	Double Head 2 Ply Yarn Spinning Machines	Production of 2 ply coir yarn in different runnage with variable twist, 100-200 Runnage Yarn 40-50 Kgs. and 200-300 Runnage Yarn 25-35 Kgs. per shift of 8 hrs. with 100 meters/kg to 300 meters/kg - Loose or Hard twist. The machineries should be in accordance with specification as shown Technical Specification.	Nos.	Coir Production Centre, Karkala Industrial Estate, Karkala Taluk, Udupi District.		

**NOTE :**

1. Rate per **DOUBLE HEAD 2 PLY YARN SPINNING MACHINES** means supply, erection, and Transportation for F.O.R. Destination.
2. The rate must also includes the required electrical for the machines to run effectively and efficiently and other accessories, if any.

**Signature of the Bidder**

Date :

**ANNEXURE - D**

**FORM OF AGREEMENT**

THIS AGREEMENT made on the ...th day of ....., 2017 Between .....(hereinafter referred to as the Contractor) of the one part AND the KARNATAKA STATE COIR DEVELOPMENT CORPORATION LIMITED, BANGALORE (hereinafter called Purchaser) of the other part WHEREAS the purchaser proposed to establish **DOUBLE HEAD 2 PLY YARN SPINNING MACHINES** at \_\_\_\_\_ (hereinafter called the works) and for the purpose requires the **DOUBLE HEAD 2 PLY YARN SPINNING MACHINES** as mentioned and specified in certain general conditions, Specifications, Schedules, etc., in the Tender Notification No. KSCDC/M(Dev)/TN-23/2017-18 dated: \_\_\_\_\_ The schedule of price for the purpose of identification has been signed by .....on behalf of the Contractor and The Managing Director, Karnataka State Coir Development Corporation Limited, VITC Building, Kasturba Road, Bangalore 560 001 (the Managing Director or the Purchaser) on behalf of the Purchaser of which are seemed to form part of this contract as through separately set out herein and are included in the expression of contract whenever herein used.

AND WHEREAS the Purchaser has accepted the tender of the Contractor for the supply and delivery of the **DOUBLE HEAD 2 PLY YARN SPINNING MACHINES** for the sum of Rs..... (Rupees..... Only) upon the terms and subject to the conditions hereinafter mentioned.

NOW THESE PRESENT WITNESSES and the parties hereto agree and declare as follows that is to say in consideration of the payment to be made to the Contractor by the purchaser as thereafter mentioned the Contractor shall and will fully provide the said **DOUBLE HEAD 2 PLY YARN SPINNING MACHINES** for the said works on the terms and conditions mentioned in the said Tender Notification.

AND in consideration of the due provisions of the said machinery and equipments by the Contractor and due performance of this part of the contract, the purchaser does

hereby for himself, his successors or assigns will pay to the Contractor the said sum of Rs..... (Rupees ..... only) or such other sum as may become payable to the Contractor under the provisions of the contract such payments to be made at such time and in such manner as agreed with mutual consent on ..... is provided by this contract i.e. :

- a) 50%- Rs..... (Rupees ..... only) against supply of machineries in good conditions, duly certified by the concerned official.
- b) 50%-Rs..... (Rupees ..... only) after erection and commissioning of machineries in good condition at sites including trial production, duly certified by the concerned official.

The schedule time for delivery of **DOUBLE HEAD 2 PLY YARN SPINNING MACHINES** to the sites along with Erection, Commissioning and trial production is 30 days from the date of issue of Supply Order for each unit.

Any Dispute, the decision of the Managing Director, Karnataka State Coir Development Corporation Ltd. is final. Further if any, would be subject to the jurisdictional courts in Bangalore.

IN WITNESS WHERE OF the parties here to have signed this Deed hereunder on the dates respectively mentioned against the signature of each.

Signature of the Purchaser

(Date)

Signature of the Contractor

(Date)

**Copies of the Documents should be submitted / uploaded through  
E-procurement Portal**

**TECHNICAL BIDS :**

01. Company Registration Certificate
02. GST Registration Certificate
02. The Annual Turnover of the Supplier shall be more than Rs.25.00 lakhs for presiding two years, as certified by the concerned.
03. Income Tax Pan details.
04. Names and Addresses of the Bankers
05. EMD Details – Annexure-I.
06. Cliental List for last two years for having supplied Coir Machineries proposed to be procured in this tender.
07. Warranty/Guarantee Certificate of the machineries to be supplied.

**FINANCIAL BID :**

01. Financial Bid - Annexure –C.