

TENDER SCHEDULE

THE TAMILNADU CO-OPERATIVE TEXTILE PROCESSING MILLS LTD.,
ERODE-4.

TENDER FOR SUPPLY, ERECTION AND COMMISSIONING OF CONTINUOUS
BLEACHING RANGE AND STENTER MACHINE IN THE TAMILNADU CO-
OPERATIVE TEXTILE PROCESSING MILLS LTD ERODE, TAMILNADU.

		DATE & TIME	VENUE
TENDER PRE-BID MEETING	:	17.06.2022	11.00 AM Office of the Commissioner of Handlooms, Kuralagam II Floor, Chennai-108.
CLOSING DATE AND TIME FOR RECEIPT OF THE FILLED-UP TENDERS	:	04.07.2022	11.00 AM Office of the Commissioner of Handlooms, Kuralagam II Floor, Chennai-108.
DATE OF OPENING OF THE TENDER TECHNICAL BID	:	04.07.2022	12.00 Noon Office of the Commissioner of Handlooms, Kuralagam II Floor, Chennai-108.
FINALISATION OF TENDER	:	Will be intimated after technical appraisal.	

**THE TAMILNADU COOPERATIVE TEXTILE PROCESSING MILLS LTD.,
ERODE -4.**

**TENDER FOR SUPPLY, ERECTION AND COMMISSIONING OF CONTINUOUS
BLEACHING RANGE AND STENTER MACHINE IN THE TAMILNADU CO-
OPERATIVE TEXTILE PROCESSING MILLS LTD ERODE, TAMILNADU.**

ISSUE OF TENDER SCHEDULE

THIS TENDER SCHEDULE IS ISSUED TO M/s.-----

Demand Draft No. / Date :

Cash Receipt No. / Date :

Issued on :

THE MANAGING DIRECTOR
THE TAMILNADU COOPERATIVE
TEXTILE PROCESSING MILLS LTD.,
ERODE

**THE TAMILNADU COOPERATIVE TEXTILE PROCESSING MILLS LTD.,
ERODE -4.**

**TENDER FOR SUPPLY, ERECTION AND COMMISSIONING OF CONTINUOUS
BLEACHING RANGE AND STENTER MACHINE IN THE TAMILNADU CO-
OPERATIVE TEXTILE PROCESSING MILLS LTD ERODE, TAMILNADU.**

This Tender Schedule is issued to M/s.-----

I.COST OF TENDER FORM :

1.	The tender document can be downloaded at free of cost from the Government tender website www.tenders.tn.gov.in and used for bidding.
2.	<u>If requested to send through Regd Post:</u> By Demand Draft-Rs.5,100 in favour of "The Tamil Nadu Co-operative Textile Processing Mills Ltd., Erode-4" payable at Erode (inclusive of GST) and addressed to the Tamilnadu Co-operative Textile Processing Mills Ltd., 428, Bhavani Main Road, Erode-638004
3.	<u>In-Person:</u> The Tender document can be had in person from the Office of the Tamilnadu Co-operative Textile Processing Mills Ltd., Erode and also from Office of the Commissioner of Handlooms, Kuralagam II Floor, Chennai by remitting the cost of Rs.5,000/- (including GST) by Demand Draft/Cash.

TENDER PRE-BID MEETING

Tender pre-bid meeting will be conducted on 17.06.2022 at 11.00 AM at the Office of the Commissioner of Handlooms, Kuralagam II Floor, Chennai. In this Meeting, the tenderer may clarify the doubts about this tender. Necessary amendments will be issued if required before 48 hours of Tender opening.

Last date and time for submitting tender : 04.07.2022 at 11.00 AM

INVITATION TO TENDER

Sealed Tenders in a two-bid (two cover) system A & B in the prescribed format are invited from the interested Manufacturers, State/Central Government undertaking who fulfill the following conditions for Tender For Supply, Erection, Commissioning Of Continuous Bleaching Range and Stenter machine in the Tamilnadu Co-Operative Textile Processing Mills Ltd Erode, Tamilnadu.

**THE TAMILNADU COOPERATIVE TEXTILE PROCESSING MILLS LTD.,
ERODE -4.**

**TENDER FOR SUPPLY, ERECTION AND COMMISSIONING OF CONTINUOUS
BLEACHING RANGE AND STENTER MACHINE IN THE TAMILNADU CO-
OPERATIVE TEXTILE PROCESSING MILLS LTD ERODE, TAMILNADU.**

TENDER SCHEDULE

The tender documents which form two parts (A) Technical Bid (B) Commercial Bid should be duly filled and signed by the Authorised Signatory with their company seal along with all the required documents shall be put in separate envelopes and sealed. Both sealed covers of the (A) Technical and (B) Commercial Bid shall be enclosed in a common envelope and sealed and superscribed as "**TENDER FOR SUPPLY, ERECTION AND COMMISSIONING OF CONTINUOUS BLEACHING RANGE AND STENTER MACHINE IN TCTP MILLS ERODE**" and addressed to Office of the Commissioner of Handlooms, Kuralagam II Floor, Chennai

I.MINIMUM QUALIFICATIONS CRITERIA

Tenderer must read carefully the minimum conditions of eligibility provided herein. Tenderers who satisfy the conditions of Eligibility will be considered for technical evaluation.

<u>S.No</u>	<u>Criteria</u>	<u>Supporting documents to be submitted</u>												
1	The Tenderers should be registered with appropriate authority and in operation in India for at least 3 years consecutively. Copy of the registration certificate should be furnished.	Copy of Registration Certificate.												
2	<table><tr><td colspan="3">The annual turnover should not be less than the amount mentioned below in the particular business only in any one of the last three financial years.</td></tr><tr><td>S.No.</td><td>Machine name/Package</td><td>Annual Turnover (Rs.)</td></tr><tr><td>1)</td><td>Continuous Bleaching Range -1 No</td><td>Rs.10.00 Crore</td></tr><tr><td>2)</td><td>Stenter Machine (1600 Mm Working Width, With Electronic Automatic Weft Straightner)- 1 No</td><td>Rs.10.00 Crore</td></tr></table>	The annual turnover should not be less than the amount mentioned below in the particular business only in any one of the last three financial years.			S.No.	Machine name/Package	Annual Turnover (Rs.)	1)	Continuous Bleaching Range -1 No	Rs.10.00 Crore	2)	Stenter Machine (1600 Mm Working Width, With Electronic Automatic Weft Straightner)- 1 No	Rs.10.00 Crore	Copy of last three years annual reports with balance sheets, profit and loss account duly attested by Chartered Accountant. (2018-19, 2019-20 and 2020-21)
The annual turnover should not be less than the amount mentioned below in the particular business only in any one of the last three financial years.														
S.No.	Machine name/Package	Annual Turnover (Rs.)												
1)	Continuous Bleaching Range -1 No	Rs.10.00 Crore												
2)	Stenter Machine (1600 Mm Working Width, With Electronic Automatic Weft Straightner)- 1 No	Rs.10.00 Crore												
3)	The Tenderers should have at least three years Good performance record with certificate of	Client lists for their machines already supplied												

	completion or letter of appreciation.	and working all over India particularly in South India should be enclosed along with all details pertaining to the model of the machine, year of supply, clients name and address and phone numbers along with commissioning report. Such machinery are subject to verification by the inspecting officials towards the performance. The end-user certificate with photographs showing the clear view of the machinery installed shall be produced for the proof of good track record for last three years.
4)	The Tenderer should not have been black listed by any Government body or organization. Affidavit that the firm is not blacklisted by the State/Central Government Department /PSUs/Co-operatives or affiliated units shall be given. If at any time before acceptance of tender, information is received that a tenderer who has submitted tender has been banned by any procuring entity mentioned above, such tender shall be rejected.	Certificate from Notary Public
5)	Tenderer Shall appear in person or authorized person who are capable to explain their product on par with specification uploaded in this Tender before the Technical evaluation committee.	
6)	Technical evaluation committee shall conduct inspection on Spatial survey in past customers of the tenderer based on the data given by the tenderer as noted Condition No.5	

7)	The decision of the Evaluation Technical committee will be final towards suitability of the machinery on par with the specification of the machine uploaded.
----	--

II.SUBMISSION OF THE TENDERS

1	Tenderers are requested to submit their tenders in the prescribed Tender Form by filling up all the columns duly signed and sealed and send to reach the Office of the Commissioner of Handlooms, Kuralagam II Floor, Chennai on or before 04.07.2022 at 11.00 AM
---	--

III.TENDER TECHNICAL BID

1.	In accordance with the Tamilnadu Transparency in Tender Act 1998 and Rules 2000, the Tender Acceptance Committee will cause evaluation of tenders strictly in accordance with the evaluation criteria indicated in tender schedule.
2.	The Tender Inviting Authority will cause an initial examination of the tenderers submitted to determine their substantial responsiveness in accordance with Rule 28 of Tamilnadu Transparency in Tenders Rules 2000.
3.	In this process, inspection will be conducted in the premises of the prospective bidders i.e., at their respective manufacturing unit mentioned in the tender document to confirm the existence of machineries/facilities required in the tender as stipulated in the tender schedule.
4.	If required, inspection will be conducted more than once to clarify the technical issues and doubts.
5.	The tenderer must extend his Co-operation to the inspection officer and provide the requisite details and he must allow the inspection officers to take videograph/photograph of the machineries/facilities inside the

	premises of the manufacturing unit without any hindrance and hesitation.
6.	The actual and present Capacity will be inspected and assessed by technical team deputed by the Tender Committee at the unit of the tenderer.
7.	The report of the inspection officers could not be provided to the tenderers as in accordance with Rule 27 of Tamilnadu Transparency in Tenders Rules 2000 confidentiality shall be maintained.
8.	The tenders which on initial examination are found not to be substantially responsive under any of the clauses under sub-rule (2) of Rule 28 of Tamilnadu Transparency in Tenders Rules 2000 will be rejected by the Tender Acceptance Committee and in this process. The decision of the Tender Acceptance Committee shall be final.

IV.OPENING OF THE TENDER

1	The Tender Technical bid will be opened on 04.07.2022 at 12.00 Noon in the presence of the available tenderers or their authorized representatives. The authorized representative shall produce satisfactory evidence of authority of tenderer to act on behalf of the tenderer at the time of opening of the tender. The representative shall possess the adequate knowledge in the respective field.
2.	The technical bids should be accompanied by furnishing all details pertaining to their technical capabilities of their firm and specifications of the machinery.

V.TENDER DOCUMENTS

1	The tender document should be in the prescribed format obtained from Office of the Tamilnadu Co-operative Textile Processing Mills Ltd., 428, Bhavani Main Road, Erode-638004 in the name of the indenting tenderer. Tender document can be obtained on payment of Rs.5,000/- either in Cash or Demand Draft for getting it in person or Rs.5,100/- by post enclosing a crossed Demand Draft
---	--

	issued by any Nationalized / Schedule Bank payable at Erode drawn in favour of " The Tamil Nadu Cooperative Textile Processing Mills Ltd., Erode-4 " in all working days of the Office from 10 A.M. to 6 P.M. upto 11.00 A.M on 04.07.2022. The Mill shall not be responsible for any postal delay or loss in transit of the tender form to the tenderer.
2	The tender form is also available <u>at free of cost</u> in Government Tender Website www.tenders.tn.gov.in which can be downloaded and used for bidding upto 11.00 A.M on 04.07.2022
3	Tender should be signed in all pages by the authorized signatory as a token of acceptance of all the tender conditions. CONDITIONAL TENDER WILL NOT BE ACCEPTED.
4	The rate quoted against each items should be legible and neatly filled in the prescribed Commercial Bid and written in both figures and words and strictly in the format. Any correction rewriting should be attested by the tenderer with full signature.
5	Any tender once submitted shall remain in force as submitted not withstanding any modification, correction or cancellation made or attempted to be made in respect thereof by the tenderer whether on the ground of mistake or otherwise and any acceptance by the tender committee of the tender as originally submitted or any part there of shall be binding upon the tenderer not withstanding that the tender committee had received notice of such modification, correction before the acceptance of the tender.
6	The tender schedule duly filled along with prescribed documents shall be dropped into the tender box at the Office of the Tamilnadu Co-operative Textile Processing Mills Ltd., Erode-638004 and it shall reach the Office of the Commissioner of Handlooms, Kuralagam II Floor, Chennai on or before the closing date and time i.e. upto 04.07.2022 at 11.00 AM
7	The Mill / Tender Committee shall not be responsible for any postal delay or any other delay.

8	The tender received after the due date and time will be summarily rejected.
9	The tender submitted by Fax or Electronic Mail will not be accepted.

VI.REQUIRED MACHINERY AND EARNEST MONEY DEPOSIT

1	<p>All the tenderers should enclose Earnest Money Deposit by Demand Draft as per the items mentioned below and drawn in favour of “The Tamil Nadu Cooperative Textile Processing Mills Ltd.,” payable at Erode. Tenders submitted without EMD will not be considered. EMD will not be accepted by Cash.</p> <p>a. E.M.D. Amount</p> <table><tr><td>S.No.</td><td>Machine name/Package</td><td>E.M.D(Rs.)</td></tr><tr><td>1)</td><td>Supply, Erection And Commissioning Of Continuous Bleaching Range - 1 No</td><td>5,00,000</td></tr><tr><td>2)</td><td>Stenter Machine (1600 Mm Working Width, With Electronic Automatic Weft Straightner)- 1 No</td><td>2,00,000</td></tr></table>			S.No.	Machine name/Package	E.M.D(Rs.)	1)	Supply, Erection And Commissioning Of Continuous Bleaching Range - 1 No	5,00,000	2)	Stenter Machine (1600 Mm Working Width, With Electronic Automatic Weft Straightner)- 1 No	2,00,000
S.No.	Machine name/Package	E.M.D(Rs.)										
1)	Supply, Erection And Commissioning Of Continuous Bleaching Range - 1 No	5,00,000										
2)	Stenter Machine (1600 Mm Working Width, With Electronic Automatic Weft Straightner)- 1 No	2,00,000										
2	<p>The Tender submitted without the prescribed Earnest Money Deposit (EMD) shall be summarily rejected. Unless they are specially exempted by the orders of Government of Tamilnadu in force. Proof of exemption should be enclosed for such exemption of Earnest Money Deposit. The E.M.D. amount deposited shall not carry any interest.</p>											
3	<p>The Earnest Money Deposit will be returned to the unsuccessful tenderers after finalisation of the tender. In the case of successful tenderers, the Earnest Money Deposit shall be adjusted for the Security Deposit payable by the successful Tenderer.</p>											
4	<p>The amount remitted towards Earnest Money Deposit is liable to be forfeited in case the tenderer resiles from their offer after submitting their tender or after their offer is accepted and the tenderer fails to execute an agreement/contract within the prescribed date.</p>											

VII.DOCUMENTS TO ACCOMPANY THE TENDER:

1	The Technical Bid should contain all the details and documents regarding their quoted machines as shown in Annexure-B, Cover – (A) Technical Bid. Details specification of their machinery are to be enclosed as per the prescribed format with Technical bid
2	The tenderer shall enclose the copy of the Manufacturing License with latest renewal with concerned authorities. The submitted document shall reveal the manufacturing facility clearly.
3	The Tenderer should enclose their clients lists for having executed the supply and commissioning of machinery with full addresses of contact persons with phone number to know the performance of the machinery.
4	The Tenderer should submit their PAN Number and GST Number (Photostat copy is to be enclosed)
5	The Latest three years GST Clearance Certificate from the concerned authorities should be enclosed.
6	Income Tax return for last three years i.e. Assessment year 2018-19, 2019-20,2020-21 should be enclosed.
7	The tenderer should enclose an Affidavit notarized by a Notary Public that their company/firm and their associated units have not been blacklisted by the State / Central Government Departments / undertakings.
8	The technical specification for the machines should be as per the ANNEXURE-A enclosed. Any other additional latest energy efficient provisions may also be mentioned with their break-up price details.
9	<u>LIST OF SPARES:</u> The tenderer should furnish the list of spares which are required to be kept for any exigency towards successful operation of the machinery. After sales, service and availability of spare parts to be mentioned in Technical bid cover.

10	The Tenderer should enclose the Sales Invoices for the past one year in the same business.
11	<p><u>SIGNING IN EACH PAGE OF THE TENDER DOCUMENT:</u></p> <p>Each page of the tender document must be signed by an authorized person / persons submitting the tender in token of his / their having acquainted himself / themselves with general conditions as laid down. Any tender document not signed as above will be rejected summarily.</p>

VIII.COMMERCIAL BID :

1	<u>Commercial Bid:</u>
1.1	<p><u>In accordance with Rule 29 of Tamilnadu Tranparency in Tenders Rules 2000 the tender found substantially responsive after the initial examination and technical evaluation alone eligible for participating in financial bid opening.</u></p> <p>The Commercial bid should contain the basic price, discount if any, excise duty, taxes like GST, Packing, forwarding inclusive of transport charges, insurance, erectors expenses, erection charges and any other levies etc. as shown in Annexure – C, Cover-B, Commercial Bid.</p>
1.2	The battery limits to be clearly mentioned for each machinery.
1.3	In case of any civil works like foundation requirement, any other piping work for water, steam, air, chimney stack provisions should be communicated in advance so that the required foundation drawings, mechanical structure, electrical cabling, electric panel etc., so that the erection and commissioning will not be delayed.

IX.TERMS AND CONDITIONS

1.	<p><u>Tender Accepting Committee's right to accept any bid and to reject any or all bids:</u></p> <p>Tender Accepting Committee, Reserves the right to reject all or any of the tenderers without assigning any reason thereof or to split the tender as the Tender Accepting Committee may deem fit or to carry out negotiations with the tenderers in a manner considered being advantageous to the Mills.</p>
2.	<p>At any time after the issue of tender documents and before opening of the tender the Tender Accepting Committee may make any changes, modifications or amendments to the tender documents and shall send intimation of such change to all those who have purchased the original tender documents and corrigendum will be uploaded for the information of those who have downloaded the tender documents from the website.</p> <p>The Tenderer shall be responsible for properly super scribing and sealing of the covers in which the tender is submitted.</p> <p><u>RATE:</u></p> <p>The rate shall be quoted which includes all costs such as packing, forwarding, transportation loading and unloading, insurance, erection charges, GST and any other levies if applicable at the date of dispatch. The tenderer shall quote rates in the prescribed format in such a manner so as to specify GST and other levies applicable. In case of failure to furnish the above details the tender will not be considered. Rates should be quoted only in INR.</p>
4	<p>The rate quoted shall be firm and fixed and no variation in price will be allowed on any account.</p>
5	<p>The rate quoted shall be valid for a period of six months or upto the supply period which ever is applicable as the case may be.</p>

6	The rates arrived finally during the issue of purchase orders only will be paid. Any increase in any statutory levies duties, taxes shall be borne by the tenderer.
7	Delivery period should be clearly spelt out from the date of purchase order.
8	For this purpose, the format given in Annexure – C has to be filled and duly signed by the tenderer.
9	Warrantee should be enclosed for the performance of the machinery supplied duly signed by the authorized signatory.
10	Tenderers who furnish inadequate, false and ambiguous information are liable for rejection and penal action.

X.SECURITY DEPOSIT AND EXECUTION OF AGREEMENT

1	The Security Deposit shall be at 5% of the total value of the order placed on the Successful Tenderer.
2	The Successful Tenderer shall remit Security Deposit i.e.5% of the value of the orders placed by way of Demand Draft taken in favour of " The Tamilnadu Co-operative Textile Processing Mills Ltd., Erode" obtained from any Nationalised Bank/Scheduled Bank and payable at Erode and Execute the agreement within 7 days from the date of acceptance letter issued by the Mills. No cheques will be accepted.
3	The Security Deposit can also be pad by means of "Irrevocable Bank Gurantee" obtained from a Nationalised Bank/Scheduled Bank" valid for a minimum period of one year from the date of letter of acceptance.
4	The successful tenderer shall execute an agreement in the prescribed format on a stamped paper of Rs.100/- value as prescribed by law, failing which the EMD

	and Security Deposit remitted by the tenderer will be forfeited, without any intimation or notice and the tenderer will be treated as non responsive. All the consequential losses, damages and costs incurred for making alternative arrangements for supply shall also be recovered from the tenderer.
5	If the Security Deposit is not paid within the time specified, the Earnest Money Deposit remitted by the tenderer shall be forfeited. Besides, all the consequential losses, damages and costs incurred or alternative arrangements made to purchase the order quantity shall also be recovered from the tenderer.
6	EMD already paid shall be adjusted while accepting the Security Deposit.
7	The Security Deposit shall not carry any interest.
8	The Security Deposit will be returned to the Tenderer after successful completion of entire work and reconciliation of accounts.

XI.MACHINERY SUPPLY SHCEDULE

<u>1</u>	The successful tenderer should complete the entire work awarded on or before as noted below from the date of issuance of Purchase order.		
	S.No.	Machine name/Package	Supply to be completed on or before
	1)	Supply, Erection And Commissioning Of Continuous Bleaching Range - 1 No	150 days
	2)	Stenter Machine (1600 Mm Working Width, With Electronic Automatic Weft Straightner)- 1 No	80 days

XII.TERMS OF PAYMENT

1.	<p>Tamilnadu Co-operative Textile Processing Mills Ltd., Erode will open confirmed and irrevocable Letter of Credit (L/C) in favour of the Machine manufacturers for 100% value for the above No.of days noted in Supply Schedule of machinery.</p> <p><u>Note:</u></p> <p>a) If L/C is required to be extended / reinstated for reasons not attributable to the Tamilnadu Co-operative Textile Processing Mills Ltd., Erode, the charges thereof shall be to the Supplier's account.</p>
----	--

	Payment will be effected through Letter of Credit and it will be released as detailed below.	
a	On receipt of 100% machine in the Mills site on conformity of the Specifications mentioned in the Tender schedule by the Technical Evaluation Team nominated by the Tender Acceptance Committee	70% of the value
b	After completion of commissioning and successful running of the machines at least for minimum one month, 20% of value of L/c will be given based on performance study conducted by M/s. South India Textile Research Association, Coimbatore, Anna University, Chennai and other related bodies	20% of the value after one month
c	Remaining balance 10% of value of L/C will be released after one year on the satisfactory performance of the machine supplied or the supplier can get this amount on the production of performance Bank Guarantee for one year.	10% of the value after one year

XIII. Penalty

a)	If the Supplier fails to complete the work within the period of completion or within any extended time allowed the supplier shall pay the client an amount equivalent to 1% of value of the unsupplied value and unfinished work for every week of delay or part thereof subject to a maximum of 10% of contract value as liquidated damages. Any further extension will be at the discretion of the Tender Accepting Committee with a further enhanced penalty of Rs.1% of value of unsupplied value & unfinished work for every week of delay or part thereof. Further where no extension of time is granted, the balance quantity is liable for cancellation besides charging a penalty @ 5% of the unsupplied value and unfinished work.
b)	If the supply is not made to the particular destination as per allotment enclosed in the supply order, it will be treated as unsupplied quantity and penalty will be levied.

XIV. Guarantee/Warranty

a)	All the items of equipment and installations shall be guaranteed to be free from defective workmanship or materials for a period of <u>two years</u> from the date of commissioning and handing over. The Supplier at his own cost shall rectify any defect that may appear during this period.
b)	During this period, the Supplier shall without any extra cost, carry out all routine and special maintenance of the work executed by him and attend to any difficulties and defects that may arise in the operation.
c)	The Supplier shall associate with himself during the erection and guarantee/warranty period, the client's maintenance staff to familiarize them with the operation and maintenance of the installations.
d)	If the supplied machine found not working to the Standard (or) defective or found not usable it will be returned whole (or) part of the machine with Suppliers cost and necessary actions will be taken under relevant act and rules.

XV.VALIDITY OF THE TENDER

a	The Tender rates should be valid for a period of six months from the date of opening of the Tender. No escalation in cost will be allowed.
	<u>XVI.OTHER GENERAL TERMS AND CONDITIONS:</u>
a	The Tenders received after the closing time of the last date as specified will not be considered.
b	The Tender rates should be valid for a period of six months or upto the supply period which ever is applicable from the date of opening of the Tender. No escalation in cost will be allowed.
c	In case of failure on the part of the successful tenderer to supply, erection and commissioning of the equipments and machines for any reason, the Mill shall have the option to entrust the work to other tenderers or any qualified suppliers and claim the price difference including the loss that had been suffered by the Mills on account of non-receipt of the machines and equipments. The above loss will be deducted from the EMD amount.

d	<u>PERFORMANCE GURANTEE</u> The successful tenderer shall give 10% performance bank guarantee for the equipment / machinery supplied for a minimum period of one year. The guarantee means, replacement of the part or whole of the machine in case of any unsatisfactory performance of the machinery / equipment.
e	In all the matters of disputes, the decision of the Tender Committee will be final and binding and any claim contrary will not be accepted.
f	Tender Committee reserves all the rights to reject any or all the Tenders partly or fully without assigning any reason whatsoever it may be.
g	Any legal disputes or remedies should be within the jurisdiction Civil Courts of Erode City only.
h	The check list for the documents enclosed in the Technical Bid to be filled and

	enclosed in the Main Bid.
	<p>LIST OF ENCLOSURES:</p> <p>Annexure A – Technical specifications.</p> <p>Annexure B – Commercial Bid</p>
	<p>MANAGING DIRECTOR, The Tamil Nadu Coop. Textile Processing Mills Ltd., Erode -4.</p>

ACCEPTANCE

I / We the undersigned to hereby accept to abide by all the above terms and tender conditions.

DATE :

FULL ADDRESS

XVII.GENERAL CONDITIONS:

1	Tenderers shall not make any attempt to establish unsolicited and unauthorized contact with any person connected with the tender either prior or after the opening of the tender and prior to the notification of the Award and any attempt by any tenderer to bring extraneous pressure on any person concerned with the procurement shall be sufficient reason to disqualify the tender.
2	In case of any dispute arising in this tender, such disputes shall be referred to the Commissioner of Handlooms who shall be the Arbitrator and the decision of the Commissioner of Handlooms shall be final and binding on the parties.
3	Any other dispute arising out of non-fulfillment of any of the terms and conditions of this tender will be subject to the jurisdiction of the Civil Courts at Erode city only.
4	In respect of matters not specifically mentioned in these clauses, the Tender Committee shall give reasonable instructions and directions and the successful tenderer shall comply with the same. Failure to comply with the same shall constitute breach of terms and conditions. The Tender Committee will not be

	liable for any losses or damages whatsoever sustained by the successful tenderer.
5	All the pages in the tender schedule should be numbered and a check list should be submitted duly indicating the page numbers of documents enclosed.
6	After the issue of tender documents and before opening of tender, the tender inviting authority can make any changes, modifications or amendments and shall send intimations to those who have purchased the original tender documents.
7	The Tender inviting Authority has powers to extend the tender opening date.
8	The Tender Accepting Authority reserves the right to terminate the supply order / contract without any notice on the following.
i	If the successful tender fails to supply the Machine / Equipment within the stipulated time, the Tender Committee may also consider blacklisting of the tenderer and initiating action for the breach of contract.
ii.	If the successful tenderer becomes insolvent, bankrupt or has any execution of lawful attachments served upon him or on the goods or if he omits any duty or commits any breach of the terms and conditions of the supply. If the successful tenderer has been blacklisted by any procuring entity of the State/Central Government and its agencies.
iii.	Any other reason to be in writing having a bearing on the scheme.
iv.	If the successful tenderer has been blacklisted by any procuring entity of the State and its agencies.
v.	Breach of contract on the part of Tenderers for non-compliance of Tender Conditions stipulated in the Tender Schedule.
9	Anything stated in the document contrary to the Tamilnadu Transparency in Tenders Act 1998 and Rules 2000 or anything omitted to be stated in accordance with the above Act and Rules, the contents of relevant Act and Rules will prevail upon.
10	The Tender Accepting Authority shall have the right to seek additional information in writing from the tenders as he considers relevant at any point of time before deciding the tender.

11	<p><u>The Tenderers shall not make any attempt to establish unsolicited and unauthorized contact with any person connected with this tender either prior or after the opening of the Tender and prior to the notification of the Award and any attempt by the Tenderer to bring to bear extraneous pressures shall be sufficient reason to disqualify the tenderer.</u></p>
----	--

Name in (BLOCK LETTERS) :

Designation :

Name of the Company/Society/

Association of Persons :

Full Postal Address :

Phone No. with STD Code :

Mobile No. :

Official Seal of the Tenderer

DECLARATION

I / We having our Office
.....at declare that I /

We have carefully read all the conditions of this tender, for Tender For Supply,
Erection And Commissioning Of Continuous Bleaching Range/ Stenter machine, abide
by all the terms and conditions set forth therein.

2. I / We further declare that I / We apply in this tender as a Manufacturer and we
possess valid Manufacturing Licence No. to produce quality of For
Supply, Erection And Commissioning Of Continuous Bleaching Range/ Stenter machine
of work required in this tender.

3. I / We declare that I / We have been in For Supply, Erection And Commissioning Of
Continuous Bleaching Range/ Stenter machine business continuously for minimum of
past three years (Proof enclosed).

4. All the particulars furnished in this tender are true and correct. If any particular is
found false at a later date, we are liable for any action taken by the Tender Committee
/ Managing Director.

SIGNATURE OF THE TENDERER

Particulars of E.M.D. remitted.

Name of the Bank :

Amount :

Demand Draft No. & Date :

Date :

Name in (BLOCK LETTERS) :

Designation

Name of the Company/Society

Association of Persons :

Full Postal Address

Phone No. with STD Code / :

Fax No./Email ID

Official Seal of the Tenderer

SIGNATURE OF THE TENDERER

ANNEXURE –A

I.DETAILED SPECIFICATION OF CONTINUOUS BLEACHING RANGE -1 NO

Continuous Bleaching Range with pre wash 3-4 Nos, Steamer, Post wash 4-5 Nos, VDR, Big batching

Roller width	: 2000 mm
Fabric working width	: 1800 mm (72")
Minimum Fabric working width	: 900 mm
Machine speed range	: 10-100 m/min
Processing Fabric & weight (g/m ²)	: 100% cotton & cotton polyester blended, 80 to 200 GSM
Average production per day	: 1,00,000 meters/day

Feeding

Feeding system should have the following

- Suitable entry system should be provide suitable for double layer
- Set of SS guides rollers draw Nip with beating device,
- SS 304 J scary box
- Should have a suitable tension bar
- Draw nips should have V.F.D & Speed control provision.
- Suitable compensator arrangements
- E+L 2020 cloth guiders with frame

Washing compartments

Wash box should have the following

- Box should be made up of SS 316 material
- Each box should have minimum 6 pair (Top and Bottom) of guide roller
- Adjacent top rollers should have motor drive (minimum-3 nos/wash box)
- All Guide roll should be supported outside bearing type
- Each washer should have intermediate squeezing units

- Every squeezing Nip should have ebonite and rubber coated rollers with adequate shell thickness and required crease release rollers and guide rollers.
- Before applicator and VDR mangle should be heavy Nip (suitable for 50kgs/cm² pressure)
- Pre and Post wash boxes to designed according to the production of 1,00,000 meters/day
- Cloth content of wash box minimum 20 meter, maximum 25 meters ; if 20 meter – 4 pre wash box, 5 post wash box ; if 25 meter – 3 Pre wash box and 4 post wash box
- Each Compartment should have suitable speed compensator with load cell type controller
- Each wash box should have automatic temperature controller (Electro Pneumatic control) adequate indirect heating system with suitable control valve and traps. (Except final wash)
- Final wash should have auto pH controller system
- All wash boxes should have counter flow water feed system.
- Heat recovery system should be rotating disc type with suitable filter drum arrangements and SS 316 circulation pumps.
- Each wash box should have view glass to watch cloth running
- Each wash box should have SS 316 scroll roll for removing creasing of fabric.
- Each wash box should have SS cat walk plate form
- Each Nip should have suitable Nip guard and splash guards.

Chemical dosing/Bleach applicator

- Fully automatic chemical dosing system should be provided.
- Should have separate dosing pumps for 1 caustic, 2. Peroxide 3. Wetting agent 4. Sequesting 5. Stabilizer 6. Spare
- The pumps should deliver each chemical as per set valves in the receipe loaded through operator panel
- Each chemical line should have 3 way valve.

- Chemical storage tank (ss 316) -300 liters-2 Nos, 100 liters-3 Nos should be provided.
- Adequate size Chemical mixing SS 316 tank should be provided.
- Suitable recirculation pump(SS 316) should be provided for bath liquor.
- Dosing system should have automatic flow meter control sensor.
- Applicator Should have adequate dipping (impregnation) accessories and splash guards

Steamer

- Steamer container should be made up of SS 316 material
- It should have suitable guide rollers cloth guider E+L KF 2020 and E+L centering device.
- It's vertical tight stand capacity should be minimum 70 meters.
- Relax zone dwelling time should be minimum 15 to 25 minutes (upto 1600-2000 meter)
- Saturation steam generation should be in built with steamer.
- It should have suitable temperature (auto electro pneumatic) controlling system
- All guide rollers should have outside bearing supported type
- View glass should be illuminated
- Suitable platform should be provided surrounding the steamer.

Drying Cylinder

- It should have minimum 30 number of dry cylinders
- Dry cylinder surface width should be 2000 mm
- Dry cylinder should be able to with stand upto 6 bar pressure
- Entry cylinders – 4 Nos surface should be Teflon or PTFE coated.
- Drying cylinders should be made up of SS AISI 304,
- Each cylinder steam supply should be provided with pipe lines (don't provide hoses)
- Each cylinder should have individual steam shut valve, rotary joint (1 ¼ " BSP), siphon pipe, vaccum valve trap etc.,

- Alternative cylinder should have motor drive
- Proper SS Hood & Exhaust blower should be provided.
- It should have 2 Nos of cooling cylinders.
- Dry cylinder should be placed in 2 stages.

Big Batching

- Suitable fabric exit system should be provided suitable for double layer
- Machine should have two set of electric surface batcher with compensator (for double layer)
- Big batcher should have suitable guide roller and expander rollers
- Pneumatic cylinders with solenoid valve should be provided.

Electrical Panel

- All motors should have Variable Frequency Drive (ABB)
- PLC should be ABB make and HMI should be of adequate size.
- Panel should have auto controlled air conditioner.
- All switch gear should be L&T (or) Schneider.
- Panel to equipment, cable & wires, cable tray all are supplier scope.
- All compartment should have compensator.
- Feeding end, delivery end, middle & steamer place control dash board with emergency switch should be provided.
- All motors should be Bharath Bijellee/ABB/Kirlosker.

Brand /make of the components

Gear Box	: ISI Standard
Pneumatic cylinder & Control	: ISI Standard
Rubber roller coating	: Lathia
Cloth guiders	: E+L
Centering device	: E+L
Motor	: ABB ; Kirlosker / Bharath Bijellee or any other IE2, ISI Standard
VFD	: ABB

Switch Gear : Scheneider or L &T

PLC/HMI : ABB

All pump should be SS 316 material and mechanical seal type.

Terms and Conditions

- Erection and commissioning supplier scope
- Civil, Foundation and scaffolding mill scope
- If any specialized utility system (or) equipment is required from mill side, it should be informed previously.

Single point utility

Power, Air, Water, Steam condensate lines upto machine only mill scope.

Details of specification of their machine is to be enclosed with Technical bid cover

S. NO	Required Specification	Exact/Equivalent/If any deviation are to be mentioned with Description
1	Continuous Bleaching Range with pre wash 3-4 Nos, Steamer, Post wash 4-5 Nos, VDR, Big batching	
2	Roller width: 2000 mm	
3	Fabric working width : 1800 mm (72")	
4	Minimum Fabric working width: 900 mm	
5	Machine speed range : 10-100 m/min	
6	Processing Fabric & weight (g/m ²) : 100% cotton & cotton polyester blended, 80 to 200 GSM	
7	Average production per day : 1,00,000 meters/day	
8	<u>Feeding</u> Feeding system should have the following Suitable entry system should be provide suitable for double layer	
9	Set of SS guides rollers draw Nip with beating device,	
10	SS 304 J scary box	
11	Should have a suitable tension bar	
12	Draw nips should have V.F.D & Speed control provision.	
13	Suitable compensator arrangements	
14	E+L 2020 cloth guiders with frame	
15	<u>Washing compartments</u> Wash box should have the following Box should be made up of SS 316 material	
16	Each box should have minimum 6 pair (Top and Bottom) of guide roller	
17	Adjacent top rollers should have motor drive (minimum-3 nos/wash box)	
18	All Guide roll should be supported outside bearing type	

19	Each washer should have intermediate squeezing units	
20	Every squeezing Nip should have ebonite and rubber coated rollers with adequate shell thickness and required crease release rollers and guide rollers.	
21	Before applicator and VDR mangle should be heavy Nip (suitable for 50kgs/cm ² pressure)	
22	Pre and Post wash boxes to designed according to the production of 1,00,000 meters/day	
23	Cloth content of wash box minimum 20 meter, maximum 25 meters ; if 20 meter – 4 pre wash box, 5 post wash box ; if 25 meter – 3 Pre wash box and 4 post wash box	
24	Each Compartment should have suitable speed compensator with load cell type controller	
25	Each wash box should have automatic temperature controller (Electro Pneumatic control) adequate indirect heating system with suitable control valve and traps. (Except final wash)	
26	Final wash should have auto pH controller system	
27	All wash boxes should have counter flow water feed system.	
28	Heat recovery system should be rotating disc type with suitable filter drum arrangements and SS 316 circulation pumps.	
29	Each wash box should have view glass to watch cloth running	
30	Each wash box should have SS 316 scroll roll for removing creasing of fabric.	
31	Each wash box should have SS cat walk plate form	

32	Each Nip should have suitable Nip guard and splash guards.	
33	<u>Chemical dosing/Bleach applicator</u> -Fully automatic chemical dosing system should be provided.	
34	Should have separate dosing pumps for 1 caustic, 2. Peroxide 3. Wetting agent 4. Sequesting 5. Stabilizer 6. Spare	
35	The pumps should deliver each chemical as per set valves in the receipe loaded through operator panel	
36	Each chemical line should have 3 way valve.	
37	Chemical storage tank (ss 316) -300 liters-2 Nos, 100 liters-3 Nos should be provided.	
38	Adequate size Chemical mixing SS 316 tank should be provided. Suitable recirculation pump(SS 316) should be provided for bath liquor.	
39	Dosing system should have automatic flow meter control sensor.	
40	Applicator Should have adequate dipping (impregnation) accessories and splash guards	
41	<u>Steamer</u> Steamer container should be made up of SS 316 material	
42	It should have suitable guide rollers cloth guider E+L KF 2020 and E+L centering device.	
43	It's vertical tight stand capacity should be minimum 70 meters.	
44	Relax zone dwelling time should be minimum 15 to 25 minutes (upto 1600-2000 meter)	

45	Saturation steam generation should be in built with steamer.	
46	It should have suitable temperature (auto electro pneumatic) controlling system	
47	All guide rollers should have outside bearing supported type	
48	View glass should be illuminated	
49	Suitable platform should be provided surrounding the steamer.	
50	<u>Drying Cylinder</u> It should have minimum 30 number of dry cylinders	
51	Dry cylinder surface width should be 2000 mm	
52	Dry cylinder should be able to with stand upto 6 bar pressure Entry cylinders – 4 Nos surface should be Teflon or PTFE coated.	
53	Drying cylinders should be made up of SS AISI 304,	
54	Each cylinder steam supply should be provided with pipe lines (don't provide hoses)	
55	Each cylinder should have individual steam shut valve, rotary joint (1 ¼ " BSP), siphon pipe, vacuum valve trap etc.,	
56	Alternative cylinder should have motor drive	
57	Proper SS Hood & Exhaust blower should be provided.	
58	It should have 2 Nos of cooling cylinders.	
59	Dry cylinder should be placed in 2 stages.	
60	<u>Big Batching</u> Suitable fabric exit system should be provided suitable for double layer	

61	Machine should have two set of electric surface batcher with compensator (for double layer)	
62	Big batcher should have suitable guide roller and expander rollers	
63	Pneumatic cylinders with solenoid valve should be provided.	
64	<u>Electrical Panel</u> All motors should have Variable Frequency Drive (ABB)	
65	PLC should be ABB make and HMI should be of adequate size.	
66	Panel should have auto controlled air conditioner.	
67	All switch gear should be L&T (or) Schneider.	
68	Panel to equipment, cable & wires, cable tray all are supplier scope.	
69	All compartment should have compensator.	
70	Feeding end, delivery end, middle & steamer place control dash board with emergency switch should be provided.	
71	All motors should be Bharath Bijellee/ABB/Kirlosker.	
72	<u>Brand /make of the components</u> Gear Box : ISI Standard	
73	Pneumatic cylinder & Control : ISI Standard	
74	Rubber roller coating : Lathia	
75	Cloth guiders : E+L	
76	Centering device : E+L	
77	Motor : ABB ; Kirlosker / Bharath Bijellee or any other IE2, ISI Standard VFD : ABB	
78	Switch Gear : Scheneider or L &T	

79	PLC/HMI : ABB	
80	All pump should be SS 316 material and mechanical seal type.	
81	<u>Terms and Conditions</u> Erection and commissioning supplier scope	
82	Civil, Foundation and scaffolding mill scope	
83	If any specialized utility system (or) equipment is required from mill side, it should be informed previously.	
84	<u>Single point utility</u> Power, Air, Water, Steam condensate lines upto machine only mill scope	

II.DETAILED TECHNICAL SPECIFICATION FOR STENTER MACHINE (WITH ELECTRONIC AUTOMATIC WEFT STRAIGHTNER)- 1 No

1600 mm working width, 3 bowl padding mangle, suitable for oil heating with full PLC automation, 6 chamber pin clip type Hot air stenter machine

TYPE OF MACHINE	PINCLIP
NO. OF CHAMBERS	SIX (6)
WORKING WIDTH	1600 mm
MACHINE ROLLER WIDTH	1625 mm
HEATING MEDIA	THERMIC FLUID (OIL HEATING)
TYPE OF MANGLE	3- BOWL INCLINED
MACHINE SPEED	FROM 5 TO 120 METER / MIN.
OVERFEED RANGE	-10 TO +35 %
FABRIC TENSION	-10 TO +3 %
SELVEDGE TENSION	-10 TO +10 %

ACCESSORIES DETAILS :

HIGH ENTERANCE WITH CLOTH GUIDER

High entrance should have the followings:

- Rolled section structure frames
- Set of SS guide rollers
- E+L make pneumatic cloth guider and manually adjustable rail
- Pneumatic brake and accessories for top guide rolls
- Adjustable swivel tension bars with hand wheel

3- BOWL INCLINED PNEUMATIC PADDING MANGLE

3- bowl inclined pneumatic padding mangle should have the followings:

- Set of heavy duty fabricated & machined frames duly claded with S.S. & fitted with channel binders
- Bottom and top rubber roller of dia 300 mm mounded in split

Housing with heavy duty bearings with hardness of 75 shore

- Middle rubber roller of dia 300 mm mounted in precision machine housing.
- Drive arrangement to the middle roller with suitable capacity of gear box, AC motor & Inverter.

Pneumatic loading arrangement for top & bottom roller. All rollers are manufactured from seamless tube with shaft running through out length of the shell with support rings provided at critical distances to avoid bulging of the roll and uniform distribution of nip pressure. Mangle rollers are rubberized by lathia rubber.

Two set of stainless steel trough of capacity 80 ltrs each per 1.8 mtr fabric width with distribution pipe for uniform liquor feed. level sensor with pneumatically operated control valve for liquid feed, drain valves, drip trays.

- Pneumatically operated trough lifting & lowering arrangement.
- Pneumatically operated swivel compensator for synchronisation.
- 2 No's Curved adjustable expander roller (bow roller) before 1st & 2nd nip
- Set of S.S. guide rollers above 125 mm Diameter

PNEUMATIC CONTROL PANEL

Pneumatic control panel with Push Pull switch and air regulator, Pressure gauges

ELECTRONIC AUTOMATIC WEFT STRAIGHTENER

- Set of Mechanical Weft Straightener and Bianco (India) make Electronic Automatic Weft Straightener with accessories
- High Entrance before stenter Rolled section frame structure to carry the set of SS guide rollers
- E + L make pneumatic cloth guider & manually adjustable rail
- Pneumatic brake with accessories for top guide roll

PRE DRYER

- 3 Cylinders drying range should be provide after padding mangle for pre drying. All dry cylinders should be Teflon coated

FEEDING BODY

- Steel fabricated frames with binders.
- Machined & polished plate for resting feeding rails.
- Individual drive for over feed tension, with inverter & fabric tension with inverter
- Swivelling type assembly with 2 nos s.s.scroll roller with AC Motors
- Set of S.S.guide roller
- E+L Make Photo sensing fabric Infeed Device With Mounting Unit and accessories for Pin Operation and Clip Operation.
- Electric Control Pillars for Housing Switches, Push Buttons & Touch Screen (HMI) for Control of entire Machine
- Both side viewable Digital Speed Indicator.
- Limit Switches for Minimum & Maximum Width.
- Operator Platform.

FEEDING TRACK

- Set of Feeding track with ball bearing rest.
- Spring loaded chain tensioning system and turn table.
- set of 3-bobbin uncurler for LHS and RHS each.
- Pinning device of rubber wheel & brush roller driven by AC motor & inverter with pneumatically operated lifting & lowering arrangement.
- Lever operated re-pining device with stopper for height adjustment for brush.
- Lubrication system for chain & track with glass oil cup having drop control, manually adjustable. Limit switches for hinge joints.

MIDDLE TRACK

6 set of Middle tracks with covers and moving arrangements.

DELIVERY TRACK

- Set of delivery track and cover with main drives sprocket wheels

CHAIN & CLIP SYSTEM FOR FABRIC TRANSPORTATION

Set of Sliding type chain, Pin clip type clips with pin bars, Pin clip changing systems

WIDTH VARIATION SYSTEM

- Width variation drives should have individual motor and gear box with encoder sensing.
- Set of Mechanical Width indicator (front and back)

CHAMBERS

- All chambers should be supporting I beams having expansion guides per chamber.
- 6 Set of Blower assembly with suitable capacity of radiators, motors, inverters with hot air recirculation system.
- 6 Set of Air blow nozzles with Damper control
- Filters should be with online cleaning facilities.
- Chamber should have 150 mm thickness LRB rock wool mattress insulation.
- All exhaust ducts should have oil collecting trays.
- All chambers should have Pid temperature controller and Pt-100 sensor.

Chamber accessories complete consisting of 2" nb 3 way pneumatic controlled diaphragm Valve for thermic fluid control with 2" nb two nos. Manually operated globe valve for isolating the pneumatic operated diaphragm valve per chamber

EXHAUST ARRANGEMENT

Exhaust blower with suitable capacity of AC motor and inverter.

COOLING ZONE :

1 set of Top and Bottom air blowing system with suitable capacity of AC Motor.

DELIVERY BODY

Set of Fabricated frames with channel binders, Heavy duty rails with machined flats for main drive Gear box mounting, main gear box with spline shaft, take off roll with drive, S.S. DE-Pinning unit, suitable capacity of main drive AC motor with inverter, Push button station for machine control and Digital meter counter & speed indicator, Bianco make closed loop moisture meter with automatic speed controller.

PLAITING DEVICE

Fabricated steel frame & with binder, suitable capacity of AC Motor and inverter drive for plaiter roll with rubber fillet, Swing arm, two pendulum rollers and Pressure roll with lifting mechanism.

BIG BATCHING DEVICE

A set of batching roller with fabricated steel arms, pneumatically lifting system, suitable capacity of AC Motor with inverter drive and expander unit.

ELECTRICAL CONTROL PANEL

A set of fabricated steel cabinet with Main switch, contactors, relays, switch gears, AC inverters for all motors, Air conditioning unit, cable and cable tray from machine control panel to equipments.

FULL PLC AUTOMATION WITH SUPRAMATIC CONTROL

- Set of sensor for width control, sensor for fabric measurement, PLC with colour touch screen (HMI) 10" and above.
- Temperature in all chambers.
- Width of each chambers
- Tension / overfeed control.
- Blower speed
- Fabric temperature vs machine speed / blower speed (dwell time)

- Recipe management
- Electrical fault finding help

TERMS & CONDITIONS :

- All switches should be Schneider make
- All switch gears, VFD, PLC, HMI should be siemens make
- All gear box should be helicon or Shanthi gears
- All motors should be Kirloskar or ABB or Bharath Bijilee
- All utility connection like power, Thermic oil line, Water, Air upto machine mills scope. Internal all utility lines are suppliers scope.

<u>Details of specification of their machine is to be enclosed with Technical bid cover</u>		
S.NO	Required Specification	Exact/Equivalent/If any deviation are to be mentioned with Description
1	1600 mm working width, 3 bowl padding mangle, suitable for oil heating with full PLC automation, 6 chamber pin clip type Hot air stenter machine	
2	TYPE OF MACHINE PINCLIP	
3	NO. OF CHAMBERS SIX (6)	
4	WORKING WIDTH 1600 mm MACHINE ROLLER WIDTH 1625 mm	
5	HEATING MEDIA - THERMIC FLUID (OIL HEATING)	
6	TYPE OF MANGLE 3- BOWL INCLINED	
7	MACHINE SPEED- FROM 5 TO 120 METER / MIN.	
8	OVERFEED RANGE- 10 TO +35 %	
9	FABRIC TENSION- 10 TO +3 %	
10	SELVEDGE TENSION- 10 TO +10 %	
	ACCESSORIES DETAILS :	
11	HIGH ENTERANCE WITH CLOTH GUIDER	

12	High entrance should have the followings:	
13	Rolled section structure frames	
14	Set of SS guide rollers	
15	E+L make pneumatic cloth guider and manually adjustable rail	
16	Pneumatic brake and accessories for top guide rolls	
17	Adjustable swivel tension bars with hand wheel	
	3- BOWL INCLINED PNEUMATIC PADDING MANGLE	
18	3- bowl inclined pneumatic padding mangle should have the followings:	
19	Set of heavy duty fabricated & machined frames duly claded with S.S. & fitted with channel binders	
20	Bottom and top rubber roller of dia 300 mm moulded in split Housing with heavy duty bearings with hardness of 75 shore	
21	Middle rubber roller of dia 300 mm mounted in precisioned machine housing.	
22	Drive arrangement to the middle roller with suitable capacity of gear box, AC motor & Inverter.	
23	Pneumatic loading arrangement for top & bottom roller. All rollers are manufactured from seamless tube with shaft running through out length of the shell with support rings provided at critical distances	

	to avoid bulging of the roll and uniform distribution of nip pressure. Mangle rollers are rubberized by lathia rubber.	
24	Two set of stainless steel trough of capacity 80 ltrs each per 1.8 mtr fabric width with distribution pipe for uniform liquor feed. level sensor with pneumatically operated control valve for liquid feed, drain valves, drip trays.	
25	Pneumatically operated trough lifting & lowering arrangement.	
26	Pneumatically operated swivel compensator for synchronisation.	
27	2 No's Curved adjustable expander roller (bow roller) before 1 st & 2 nd nip	
28	Set of S.S.guide rollers above 125 mm Diameter	
	PNEUMATIC CONTROL PANEL	
29	Pneumatic control panel with Push Pull switch and air regulator, Pressure gauges	
	ELECTRONIC AUTOMATIC WEFT STRAIGHTENER	
30	Set of Mechanical Weft Straightener and Bianco (India) make Electronic Automatic Weft Straightener with accessories	
31	High Entrance before stenter Rolled section frame structure to carry the set of SS guide rollers	
32	E + L make pneumatic cloth guider & manually adjustable rail	

33	Pneumatic brake with accessories for top guide roll	
34	PRE DRYER Cylinders drying range should be provide after padding mangle for pre drying. All dry cylinders should be Teflon coated	
	FEEDING BODY	
35	Steel fabricated frames with binders.	
36	Machined & polished plate for resting feeding rails.	
37	Individual drive for over feed tension, with inverter & fabric tension with inverter	
38	Swivelling type assembly with 2 nos s.s.scroll roller with AC Motors	
39	Set of S.S.guide roller	
40	E+L Make Photo sensing fabric Infeed Device With Mounting Unit and accessories for Pin Operation and Clip Operation.	
41	Electric Control Pillars for Housing Switches, Push Buttons & Touch Screen (HMI) for Control of entire Machine	
42	Both side viewable Digital Speed Indicator. Limit Switches for Minimum & Maximum Width.	
43	Operator Platform.	
	FEEDING TRACK	
44	Set of Feeding track with ball bearing rest.	
45	Spring loaded chain tensioning system and	

	turn table.	
46	set of 3-bobbin uncurler for LHS and RHS each.	
47	Pinning device of rubber wheel & brush roller driven by AC motor & inverter with pneumatically operated lifting & lowering arrangement.	
48	Lever operated re-pining device with stopper for height adjustment for brush.	
49	Lubrication system for chain & track with glass oil cup having drop control, manually adjustable. Limit switches for hinge joints.	
	MIDDLE TRACK	
50	6 set of Middle tracks with covers and moving arrangements.	
	DELIVERY TRACK	
51	Set of delivery track and cover with main drives sprocket wheels	
	CHAIN & CLIP SYSTEM FOR FABRIC TRANSPORTATION	
52	Set of Sliding type chain, Pin clip type clips with pin bars, Pin clip changing systems	
	WIDTH VARIATION SYSTEM	
53	Width variation drives should have individual motor and gear box with encoder sensing.	
54	Set of Mechanical Width indicator (front and back)	
55	CHAMBERS	

	All chambers should be supporting I beams having expansion guides per chamber.	
56	6 Set of Blower assembly with suitable capacity of radiators, motors, inverters with hot air recirculation system.	
57	6 Set of Air blow nozzles with Damper control	
58	Filters should be with online cleaning facilities.	
59	Chamber should have 150 mm thickness LRB rock wool mattress insulation.	
60	All exhaust ducts should have oil collecting trays.	
61	All chambers should have Pid temperature controller and Pt-100 sensor.	
62	Chamber accessories complete consisting of 2" nb 3 way pneumatic controlled diaphragm Valve for thermic fluid control with 2" nb two nos. Manually operated globe valve for isolating the pneumatic operated diaphragm valve per chamber	
	EXHAUST ARRANGEMENT	
63	Exhaust blower with suitable capacity of AC motor and inverter.	
	DELIVERY BODY	
64	Set of Fabricated frames with channel binders, Heavy duty rails with machined flats for main drive Gear box mounting, main gear box with spline shaft, take off roll with drive, S.S. DE-Pinning unit,	

	suitable capacity of main drive AC motor with inverter, Push button station for machine control and Digital meter counter & speed indicator, Bianco make closed loop moisture meter with automatic speed controller.	
	PLAITING DEVICE	
65	Fabricated steel frame & with binder, suitable capacity of AC Motor and inverter drive for plaiter roll with rubber fillet, Swing arm, two pendulum rollers and Pressure roll with lifting mechanism.	
	BIG BATCHING DEVICE	
66	A set of batching roller with fabricated steel arms, pneumatically lifting system, suitable capacity of AC Motor with inverter drive and expander unit.	
	ELECTRICAL CONTROL PANEL	
67	A set of fabricated steel cabinet with Main switch, contactors, relays, switch gears, AC inverters for all motors, Air conditioning unit, cable and cable tray from machine control panel to equipments.	
	FULL PLC AUTOMATION WITH SUPRAMATIC CONTROL	
68	Set of sensor for width control, sensor for fabric measurement, PLC with colour touch screen (HMI) 10" and above.	
69	Temperature in all chambers.	

70	Width of each chambers	
71	Tension / overfeed control.	
72	Blower speed	
73	Fabric temperature vs machine speed / blower speed (dwell time)	
74	Recipe management	
75	Electrical fault finding help	
	TERMS & CONDITIONS :	
76	All switches should be Schneider make	
77	All switch gears, VFD, PLC, HMI should be siemens make	
78	All gear box should be helicon or Shanthi gears	
79	All motors should be Kirloskar or ABB or Bharath Bijilee	
80	All utility connection like power, Thermic oil line, Water, Air upto machine mills scope. Internal all utility lines are suppliers scope.	

ANNEXURE – B

THE TAMILNADU COOP. TEXTILE PROCESSING MILLS LTD., ERODE-4.

**TENDER FOR SUPPLY, ERECTION AND COMMISSIONING OF
CONTINUOUS BLEACHING RANGE AND STENTER MACHINE IN THE
TAMILNADU CO-OPERATIVE TEXTILE PROCESSING MILLS LTD ERODE,
TAMILNADU**

**COVER – A TECHNICAL BID SHOULD CONTAIN THE FOLLOWING
DOCUMENTS**

I	EMD amount as prescribed in the tender schedule for the machinery respectively D.D. No.....date
II	The Bid document duly filled and signed in all pages.
III	Detailed Technical offer with all necessary enclosure like company profiles and brochures containing machine details.
IV	Documents pertaining to Minimum qualification criteria
a.	List of additional essential items
b.	Drawings of the plant offered
c.	List of Spares
IV	List of Certificates:
1.	A copy of the listed power of attorney authorizing the signatory of the bidder.
2.	Proof of registration of firm/company signature of the authorized person attested by the Notary Public.
3.	PAN Number and GST Number with Photostat copy
4.	Latest GST clearance certificates for Three years
5.	Not black listed affidavit notarized by the Notary Public.
6.	Latest solvency certificate.
7.	An undertaking for completion of the supply, erection and commissioning within the agreed time limit.

8.	Clients list with full address and contact person with Phone numbers for verifying their supply and past performance.
9.	All the technical specifications of the respective machinery.
10.	Guarantee for the machinery minimum one year from the date of commissioning.
11.	Certificate of performance of their machines working in various concern by their clients.
12.	Audited Annual reports for the past three years i.e.2018-19, 2019-2020, 2020-2021 (Given by Auditor Ref.No and his Address)
13.	Manufacturing License issued by competent Authority
14.	Income Tax filed for last three years i.e, 2018-19, 2019-20, 2020-21
15.	The Tenderer should enclose the Sales Invoices in the same business for past one year
16.	Details of specification of their machine is to be enclosed with Technical bid cover

ANNEXURE – C

COVER – B COMMERCIAL BID :

(item-wise prices are to be given in an annexure)

In the Commercial Bid cover should contain their machinery specification Exact/Equivalent/If any deviation are to be mentioned with Description along with the relevant commercial bid format

In the Commercial Bid cover should contain their machinery specification Exact/Equivalent/If any deviation are to be mentioned with Description along with the relevant commercial bid format

I.CONTINUOUS BLEACHING RANGE

S.NO	Specification	Exact/Equivalent/If any deviation are to be mentioned with Description
1	Continuous Bleaching Range with pre wash 3-4 Nos, Steamer, Post wash 4-5 Nos, VDR, Big batching	
2	Roller width: 2000 mm	
3	Fabric working width : 1800 mm (72")	
4	Minimum Fabric working width: 900 mm	
5	Machine speed range : 10-100 m/min	
6	Processing Fabric & weight (g/m ²) : 100% cotton & cotton polyester blended, 80 to 200 GSM	
7	Average production per day : 1,00,000 meters/day	
8	<u>Feeding</u> Feeding system should have the following Suitable entry system should be provide suitable for double layer	
9	Set of SS guides rollers draw Nip with beating device,	
10	SS 304 J scary box	
11	Should have a suitable tension bar	
12	Draw nips should have V.F.D & Speed control provision.	

13	Suitable compensator arrangements	
14	E+L 2020 cloth guiders with frame	
15	<u>Washing compartments</u> Wash box should have the following Box should be made up of SS 316 material	
16	Each box should have minimum 6 pair (Top and Bottom) of guide roller	
17	Adjacent top rollers should have motor drive (minimum-3 nos/wash box)	
18	All Guide roll should be supported outside bearing type	
19	Each washer should have intermediate squeezing units	
20	Every squeezing Nip should have ebonite and rubber coated rollers with adequate shell thickness and required crease release rollers and guide rollers.	
21	Before applicator and VDR mangle should be heavy Nip (suitable for 50kgs/cm ² pressure)	
22	Pre and Post wash boxes to designed according to the production of 1,00,000 meters/day	
23	Cloth content of wash box minimum 20 meter, maximum 25 meters ; if 20 meter – 4 pre wash box, 5 post wash box ; if 25 meter – 3 Pre wash box and 4 post wash box	

Signature of the Tenderer with Seal

24	Each Compartment should have suitable speed compensator with load cell type controller	
25	Each wash box should have automatic temperature controller (Electro Pneumatic control) adequate indirect heating system with suitable control valve and traps. (Except final wash)	
26	Final wash should have auto pH controller system	
27	All wash boxes should have counter flow water feed system.	
28	Heat recovery system should be rotating disc type with suitable filter drum arrangements and SS 316 circulation pumps.	
29	Each wash box should have view glass to watch cloth running	
30	Each wash box should have SS 316 scroll roll for removing creasing of fabric.	
31	Each wash box should have SS cat walk plate form	
32	Each Nip should have suitable Nip guard and splash guards.	
33	<u>Chemical dosing/Bleach applicator</u> -Fully automatic chemical dosing system should be provided.	

Signature of the Tenderer with Seal

34	Should have separate dosing pumps for 1 caustic, 2. Peroxide 3. Wetting agent 4. Sequesting 5. Stabilizer 6. Spare	
35	The pumps should deliver each chemical as per set valves in the receipe loaded through operator panel	
36	Each chemical line should have 3 way valve.	
37	Chemical storage tank (ss 316) -300 liters-2 Nos, 100 liters-3 Nos should be provided.	
38	Adequate size Chemical mixing SS 316 tank should be provided. Suitable recirculation pump(SS 316) should be provided for bath liquor.	
39	Dosing system should have automatic flow meter control sensor.	
40	Applicator Should have adequate dipping (impregnation) accessories and splash guards	
41	<u>Steamer</u> Steamer container should be made up of SS 316 material	
42	It should have suitable guide rollers cloth guider E+L KF 2020 and E+L centering device.	

Signature of the Tenderer with Seal

43	It's vertical tight stand capacity should be minimum 70 meters.	
44	Relax zone dwelling time should be minimum 15 to 25 minutes (upto 1600-2000 meter)	
45	Saturation steam generation should be in built with steamer.	
46	It should have suitable temperature (auto electro pneumatic) controlling system	
47	All guide rollers should have outside bearing supported type	
48	View glass should be illuminated	
49	Suitable platform should be provided surrounding the steamer.	
50	<u>Drying Cylinder</u> It should have minimum 30 number of dry cylinders	
51	Dry cylinder surface width should be 2000 mm	
52	Dry cylinder should be able to with stand upto 6 bar pressure Entry cylinders – 4 Nos surface should be Teflon or PTFE coated.	
53	Drying cylinders should be made up of SS AISI 304,	
54	Each cylinder steam supply should be provided with pipe lines (don't provide hosses)	

Signature of the Tenderer with Seal

55	Each cylinder should have individual steam shut valve, rotary joint (1 ¼ " BSP), siphon pipe, vaccum valve trap etc.,	
56	Alternative cylinder should have motor drive	
57	Proper SS Hood & Exhaust blower should be provided.	
58	It should have 2 Nos of cooling cylinders.	
59	Dry cylinder should be placed in 2 stages.	
60	<u>Big Batching</u> Suitable fabric exit system should be provided suitable for double layer	
61	Machine should have two set of electric surface batcher with compensator (for double layer)	
62	Big batcher should have suitable guide roller and expander rollers	
63	Pneumatic cylinders with solenoid valve should be provided.	
64	<u>Electrical Panel</u> All motors should have Variable Frequency Drive (ABB)	
65	PLC should be ABB make and HMI should be of adequate size.	
66	Panel should have auto controlled air conditioner.	

Signature of the Tenderer with Seal

67	All switch gear should be L&T (or) Schneider.	
68	Panel to equipment, cable & wires, cable tray all are supplier scope.	
69	All compartment should have compensator.	
70	Feeding end, delivery end, middle & steamer place control dash board with emergency switch should be provided.	
71	All motors should be Bharath Bijellee/ABB/Kirlosker.	
72	<u>Brand /make of the components</u> Gear Box : ISI Standard	
73	Pneumatic cylinder & Control : ISI Standard	
74	Rubber roller coating : Lathia	
75	Cloth guiders : E+L	
76	Centering device : E+L	
77	Motor : ABB ; Kirlosker / Bharath Bijellee or any other IE2, ISI Standard VFD : ABB	
78	Switch Gear : Scheneider or L &T	
79	PLC/HMI : ABB	
80	All pump should be SS 316 material and mechanical seal type.	

Signature of the Tenderer with Seal

81	<u>Terms and Conditions</u> Erection and commissioning supplier scope	
82	Civil, Foundation and scaffolding mill scope	
83	If any specialized utility system (or) equipment is required from mill side, it should be informed previously.	
84	<u>Single point utility</u> Power, Air, Water, Steam condensate lines upto machine only mill scope	

Signature of the Tenderer with Seal

(Make/Model to be Specified)

I. CONTINUOUS BLEACHING RANGE-1 NO

		(in figures)	(in words)
a)	Basic Price of the Machine		
b)	Discount if any		
c)	Discounted Price (a-b)		
d)	Packing and Forwarding charges		
e)	Excise Duty (if applicable)		
f)	GST		
g)	Price up to Mills (c + d + e + f)		
h)	Insurance up to the mills		
i)	Erection charges including Erector's expenses		
j)	Total Price (g + h+ i)		
k)	Delivery Period (in Days)		
l)	Tender Validity Period		

Signature of the Tenderer with Seal

In the Commercial Bid cover should contain their machinery specification Exact/Equivalent/If any deviation are to be mentioned with Description along with the relevant commercial bid format

II.STENTER MACHINE

S.NO	Specification	Exact/Equivalent/If any deviation are to be mentioned with Description
1	1600 mm working width, 3 bowl padding mangle, suitable for oil heating with full PLC automation, 6 chamber pin clip type Hot air stenter machine	
2	TYPE OF MACHINE PINCLIP	
3	NO. OF CHAMBERS SIX (6)	
4	WORKING WIDTH 1600 mm	
5	HEATING MEDIA - THERMIC FLUID (OIL HEATING)	
6	TYPE OF MANGLE 3- BOWL INCLINED	
7	MACHINE SPEED- FROM 5 TO 120 METER / MIN.	
8	OVERFEED RANGE- 10 TO +35 %	
9	FABRIC TENSION- 10 TO +3 %	
10	SELVEDGE TENSION- 10 TO +10 %	

Signature of the Tenderer with Seal

	ACCESSORIES DETAILS :	
11	HIGH ENTERANCE WITH CLOTH GUIDER	
12	High entrance should have the followings:	
13	Rolled section structure frames	
14	Set of SS guide rollers	
15	E+L make pneumatic cloth guider and manually adjustable rail	
16	Pneumatic brake and accessories for top guide rolls	
17	Adjustable swivel tension bars with hand wheel	
	3- BOWL INCLINED PNEUMATIC PADDING MANGLE	
18	3- bowl inclined pneumatic padding mangle should have the followings:	
19	Set of heavy duty fabricated & machined frames duly claded with S.S. & fitted with channel binders	
20	Bottom and top rubber roller of dia 300 mm moulded in split Housing with heavy duty bearings with hardness of 75 shore	

Signature of the Tenderer with Seal

21	Middle rubber roller of dia 300 mm mounted in precisioned machine housing.	
22	Drive arrangement to the middle roller with suitable capacity of gear box, AC motor & Inverter.	
23	Pneumatic loading arrangement for top & bottom roller. All rollers are manufactured from seamless tube with shaft running through out length of the shell with support rings provided at critical distances to avoid bulging of the roll and uniform distribution of nip pressure. Mangle rollers are rubberized by lathia rubber.	
24	Two set of stainless steel trough of capacity 80 ltrs each per 1.8 mtr fabric width with distribution pipe for uniform liquor feed. level sensor with pneumatically operated control valve for liquid feed, drain valves, drip trays.	
25	Pneumatically operated trough lifting & lowering arrangement.	
26	Pneumatically operated swivel compensator for synchronisation.	

Signature of the Tenderer with Seal

27	2 No's Curved adjustable expander roller (bow roller) before 1 st & 2 nd nip	
28	Set of S.S.guide rollers above 125 mm Diameter	
	PNEUMATIC CONTROL PANEL	
29	Pneumatic control panel with Push Pull switch and air regulator, Pressure gauges	
	ELECTRONIC AUTOMATIC WEFT STRAIGHTENER	
30	Set of Mechanical Weft Straightener and Bianco (India) make Electronic Automatic Weft Straightener with accessories	
31	High Entrance before stenter Rolled section frame structure to carry the set of SS guide rollers	
32	E + L make pneumatic cloth guider & manually adjustable rail	
33	Pneumatic brake with accessories for top guide roll	
34	PRE DRYER Cylinders drying range should be provide after	

Signature of the Tenderer with Seal

	padding mangle for pre drying. All dry cylinders should be Teflon coated	
	FEEDING BODY	
35	Steel fabricated frames with binders.	
36	Machined & polished plate for resting feeding rails.	
37	Individual drive for over feed tension, with inverter & fabric tension with inverter	
38	Swivelling type assembly with 2 nos s.s.scroll roller with AC Motors	
39	Set of S.S.guide roller	
40	E+L Make Photo sensing fabric Infeed Device With Mounting Unit and accessories for Pin Operation and Clip Operation.	
41	Electric Control Pillars for Housing Switches, Push Buttons & Touch Screen (HMI) for Control of entire Machine	
42	Both side viewable Digital Speed Indicator. Limit Switches for Minimum & Maximum Width.	

Signature of the Tenderer with Seal

43	Operator Platform.	
	FEEDING TRACK	
44	Set of Feeding track with ball bearing rest.	
45	Spring loaded chain tensioning system and turn table.	
46	set of 3-bobbin uncurler for LHS and RHS each.	
47	Pinning device of rubber wheel & brush roller driven by AC motor & inverter with pneumatically operated lifting & lowering arrangement.	
48	Lever operated re-pining device with stopper for height adjustment for brush.	
49	Lubrication system for chain & track with glass oil cup having drop control, manually adjustable. Limit switches for hinge joints.	
	MIDDLE TRACK	
50	6 set of Middle tracks with covers and moving arrangements.	

Signature of the Tenderer with Seal

	DELIVERY TRACK	
51	Set of delivery track and cover with main drives sprocket wheels	
	CHAIN & CLIP SYSTEM FOR FABRIC TRANSPORTATION	
52	Set of Sliding type chain, Pin clip type clips with pin bars, Pin clip changing systems	
	WIDTH VARIATION SYSTEM	
53	Width variation drives should have individual motor and gear box with encoder sensing.	
54	Set of Mechanical Width indicator (front and back)	
	CHAMBERS	
55	All chambers should be supporting I beams having expansion guides per chamber.	
56	6 Set of Blower assembly with suitable capacity of radiators, motors, inverters with hot air recirculation system.	
57	6 Set of Air blow nozzles with Damper control	
58	Filters should be with online cleaning facilities.	

Signature of the Tenderer with Seal

59	Chamber should have 150 mm thickness LRB rock wool mattress insulation.	
60	All exhaust ducts should have oil collecting trays.	
61	All chambers should have Pid temperature controller and Pt-100 sensor.	
62	Chamber accessories complete consisting of 2" nb 3 way pneumatic controlled diaphragm Valve for thermic fluid control with 2" nb two nos. Manually operated globe valve for isolating the pneumatic operated diaphragm valve per chamber	
	EXHAUST ARRANGEMENT	
63	Exhaust blower with suitable capacity of AC motor and inverter.	
	DELIVERY BODY	
64	Set of Fabricated frames with channel binders, Heavy duty rails with machined flats for main drive Gear box mounting, main gear box with spline shaft, take off roll with drive, S.S. DE-Pinning unit, suitable capacity of main drive AC	

Signature of the Tenderer with Seal

	motor with inverter, Push button station for machine control and Digital meter counter & speed indicator, Bianco make closed loop moisture meter with automatic speed controller.	
	PLAITING DEVICE	
65	Fabricated steel frame & with binder, suitable capacity of AC Motor and inverter drive for plaiter roll with rubber fillet, Swing arm, two pendulum rollers and Pressure roll with lifting mechanism.	
	BIG BATCHING DEVICE	
66	A set of batching roller with fabricated steel arms, pneumatically lifting system, suitable capacity of AC Motor with inverter drive and expander unit.	
	ELECTRICAL CONTROL PANEL	
67	A set of fabricated steel cabinet with Main switch, contactors, relays, switch gears, AC inverters for all motors, Air conditioning unit, cable and cable tray from machine control panel to equipments.	

Signature of the Tenderer with Seal

	FULL PLC AUTOMATION WITH SUPRAMATIC CONTROL	
68	Set of sensor for width control, sensor for fabric measurement, PLC with colour touch screen (HMI) 10" and above.	
69	Temperature in all chambers.	
70	Width of each chambers	
71	Tension / overfeed control.	
72	Blower speed	
73	Fabric temperature vs machine speed / blower speed (dwell time)	
74	Recipe management	
75	Electrical fault finding help	
	TERMS & CONDITIONS :	
76	All switches should be Schneider make	
77	All switch gears, VFD, PLC, HMI should be siemens make	
78	All gear box should be helicon or Shanthi gears	

Signature of the Tenderer with Seal

79	All motors should be Kirloskar or ABB or Bharath Bijilee	
80	All utility connection like power, Thermic oil line, Water, Air upto machine mills scope. Internal all utility lines are suppliers scope.	

Signature of the Tenderer with Seal

(Make/Model to be Specified)

II. STENTER MACHINE (1600 MM WORKING WIDTH, WITH ELECTRONIC AUTOMATIC WEFT STRAIGHTNER) – 1
No

		(in figures)	(in words)
a)	Basic Price of the Machine		
b)	Discount if any		
c)	Discounted Price (a-b)		
d)	Packing and Forwarding charges		
e)	Excise Duty (if applicable)		
f)	GST		
g)	Price up to Mills (c + d + e + f)		
h)	Insurance up to the mills		
i)	Erection charges including Erector's expenses		
j)	Total Price (g + h + i)		
k)	Delivery Period (in Days)		
l)	Tender Validity Period		

Signature of the Tenderer with Seal

THE TAMILNADU COOP. TEXTILE PROCESSING MILLS LTD., ERODE-4.

**TENDER FOR SUPPLY, ERECTION AND COMMISSIONING OF
CONTINUOUS BLEACHING RANGE AND STENTER MACHINE IN THE
TAMILNADU CO-OPERATIVE TEXTILE PROCESSING MILLS LTD ERODE,
TAMILNADU.**

**CHECK LISTS FOR THE DOCUMENTS TO BE SUBMITTED
PLEASE ARRANGE ALL ITEM AS PER THIS CHECK LIST AND INDICATE
PAGE NOS.**

I	EMD amount as prescribed in the tender schedule for the machinery respectively D.D. No..... date
II	The Bid document duly filled and signed in all pages.
III	Detailed Technical offer with all necessary enclosure like company profiles and brochures containing machine details.
IV	Documents pertaining to the Minimum qualification criteria.
a.	List of additional essential items
b.	Necessary Drawings of the machinery offered
c.	List of Spares
IV	List of Certificates:
1.	A copy of the listed power of attorney authorizing the signatory of the bidder.
2.	Proof of registration of firm/company signature of the authorized person attested by the Notary Public.
3.	PAN Number and GST number with Photostat copy
4.	Latest GST clearance certificates for Three years
5.	Not black listed affidavit notarized by the Notary Public.
6.	Latest solvency certificate.
7.	An undertaking for completion of the supply, erection and commissioning

	within the agreed time limit.
8.	Clients list with full address and contact person with Phone numbers for verifying their supply and past performance.
9.	All the technical specifications of the respective machinery.
10.	Guarantee for the machinery minimum one year from the date of commissioning.
11.	Certificate of performance of their machines working in various concerns by their clients.
12.	Audited Annual reports for the past three years i.e. 2018-19, 2019-2020 and 2020-2021 (Given by Auditor Ref. No and His Address)
13.	Manufacturing License issued by competent Authority
14.	Income Tax filed for last three years i.e, 2018-19, 2019-20, 2020-21
15.	Sales Invoices in the same business for the past one year.
16.	Details of specification of their machine is to be enclosed with Technical bid cover