

Quotations/Tender Call Notice
SECRETARY BHAGAMUNDA TRCS
KEONJHAR-758080

Sealed quotations/ Tenders are invited for following equipments and machineries for Bhagamunda TRCS for installation and commissioning from interested Original Equipment Manufacturer (OEM)/reputed manufacturers/ supply agencies in two bid system which shall conform to the Terms and conditions as laid down below. The tender Paper can be downloaded only from the website www.odisha.gov.in (HT&H Department) and www.boyanika.com / sadhacodisha.org / www.kendujhar.nic.in

Sd-
SECRETARY BHAGAMUNDA TRCS BHAGAMUNDA
KEONJHAR-758080

Email :bhagamundatrcs123@gmail.com
Contact No. +91 99376 73989

<u>Name of Work</u>	<u>EMD (Rs.)</u>	<u>Cost of Tender Form (Rs.)</u>	<u>Time Allowed for Completion</u>
Supply & Installation of cone winding,Sectional Warping, Rapiier Looms & Knotting Machine, Fabric inspection machine at Bhagamunda TRCS, Keonjhar, Odisha	` 1.00 Lakh in form of DD / Pay Order applicable only for successful bidder after negotiation on submitted prices	`1,000/- in form of DD / Pay Order	Within 3 Months for supply installation & commissioning at site in all respects.
Supply of material handling and lab equipment at Bhagamunda TRCS, Keonjhar, Odisha	` 25,000 in form of DD / Pay Order applicable only for successful bidder after negotiation on submitted prices	`1,000/- in form of DD / Pay Order	Within 1.5 Months for supply at site in all respects.

<u>MILESTONES</u>	<u>DATES</u>	<u>Address for Submission & Contact Details For Query</u>
Last Date For Submission of Tenders	On or before 10.02.2021 at 5.00 pm	"The Chairman Purchase Committee, Office of Secretary Bhagamunda TRCS, Keonjhar - 758001, Odisha. Contact Name:- Mr. P.K. Mohapatra Contact Number:- +91 99376 73989 Email Id:- bhagamundatrcs123@gmail.com Website:- www.odisha.gov.in www.boyanika.com www.sadhacodisha.org
Technical Bid Opening	11.02.2021 at 11.00 am	
Financial Bid Opening	12.02.2021 at 11.00 am	
Negotiation with L1, L2 & L3 Bidders	13.02.2021 at 11.00 am	
Award of Work	On or before 25.02.2021	

Bhagamunda TRCS Ltd. - List of Machinery and Equipment

Sr. No.	List of machine	Specifications	Quantity
A Weaving			
1	Rapier Weaving Machine -With Electronic Dobby	<ul style="list-style-type: none"> - Rapiershuttle less loom with Electronic Dobby for weaving of Tassar Silk saree, dress material etc. from 20 Denier to Coarser - Nominal Width - 1900 mm - Maximum reed Width - 1900 mm - Minimum reed width - 800 mm - Practical Loom RPM: Min. 200 - Shedding Motion :- Electronic Dobby - Let Off & Take-Up :- Electronic - Direct drive, speed controlled by microprocessor without change of pulley, without clutch system - Electric cabinet with microprocessor, electronic pick finding, electronic let-off & take-up with independent motor - Electronic weft colour selector for 4 colours - Weft Feeders :- 4 - Weft Sensors - Temple Set: 6 Rings with Nylon barrel - Tucking-in Selvedge - Single Beam - 2 Nos. - Cloth Roller - 2 Nos. - Heald Frames- 16 Nos. - Heald Wires - Min.10,000 Numbers - Drop Wires -Min. 10,000 Numbers - Electronic Optical Warp over tension sensor - Set of equipment for loom erection - Toolbox with torque wrenches - One set of mechanical essential spares of 5% amount of value of loom - Loom Price should be <ul style="list-style-type: none"> • Landed at site in case of local supply • CIF Indian Port Paradip in case of imported machines - Cost of erection & commissioning should be included in offer 	1
2	Rapier Weaving Machine -With Electronic Jacquard	<ul style="list-style-type: none"> - Rapier loom with Electronic Jacquard (1400 hooks) for weaving of Tassar Silk fabrics from 20 Denier to Coarser - Nominal Width - 1600 mm - Maximum reed Width - 1600 mm - Minimum reed width - 800 mm - Practical Loom RPM: Min. 150 	1

		<ul style="list-style-type: none"> - Shedding Motion :- Electronic Jacquard - Let Off & Take-Up :- Electronic - Drive by vertical shaft control - Set of harness with spring pull-down with perforated boards for harness guidance with 1400 hooks - Electric cabinet with microprocessor, electronic pick finding, electronic let-off & take-up with independent motor - Electronic weft colour selector for 4 colours - Weft Feeders :- 4 - Weft Sensors - Temple Set: 6 Rings with Nylon barrel - Tucking-in Selvedge - Single Beam - 2 Nos. - Cloth Roller - 2 Nos. - Drop Wires - Min. 10,000 Numbers - Electronic Optical Warp over tension sensor - Set of equipment for loom erection - Toolbox with torque wrenches - One set of mechanical essential spares of 5% amount of value of loom - Loom Price should be <ul style="list-style-type: none"> • Landed at site in case of local supply • CIF Indian Port Paradip in case of imported machines - Cost of erection & commissioning should be included in offer 	
3	Sectional Warping Machine	<ul style="list-style-type: none"> - For Silk and Cotton, Linen, Polyester blended yarns - Working Width 2200 mm - Cone angle 7 degree - Beaming Tension 0 -350 Kgs - Beam Flange Diameter - 550 mm - Static eliminator - Warp table/Leasing stand - Eyelet Board required - Beam Adaptor Required - Warping Speed - Min. 300 Mtr/ min - Beaming Speed - Min. 70 Mtr/Min - Creel Type - Revolving - No. of Ends- 480 - Pitch 180 x 180 - Tier (V x H) 10 x 8 - Static Eliminator Required - PLC controlled speed & length measuring counters - Set of equipment for warping machine erection - Toolbox with torque wrenches - One set of mechanical essential spares of 5% amount of value machine 	1

		<ul style="list-style-type: none"> - Machine Price should be <ul style="list-style-type: none"> • Landed at site in case of local supply • CIF Indian Port Paradip in case of imported machines - Cost of erection & commissioning to be include in offer 	
4	Cone Winding Machine	No. Of Spindles - 30 Drums Feed Yarn - On bobbins Min. Winding Speed - 500 Mtrs./Min. Thread break stop motion - Required Yarn Clearer - Required Length measuring unit - Electronic	1
5	Knotting Machine	Count Range - 20 Denier to Coarser Knotting Speed - 60 - 600 knots/min.	1

B. Material Handling & Laboratory Equipment

Sr. No.	List of Equipment	Quantity
1	Bansan Fan (Humidifier)	2
4	Fabric Inspection Table	1
2	Yarn Package Peg Trollies - Max 60 Pegs	5
3	Beam Carrying Trollies	1
4	Fabric Roll Carrying Pallets	2
5	Empty Beam Carrying Trollies	2

Sr.No.	Laboratory Equipment	Quantity
6	Sample Cutter & Digital Balance	1
7	Electric Oven	1
8	Fabric Thickness Gauge	1
9	Pick Glass	1
10	Hot Plates	1
11	Micro Scope	1
12	Thermometers	2
13	Digital Moisture Meter	1
14	Electronic Balance (310 grams)	2
15	Digital GSM Scale	1

TERMS AND CONDITIONS

Sr · No.	Particulars	Remarks
1	Validity of Tender	180 Days
2	Address, date and time of submission of the tender documents	Office of Secretary, Bhagamunda TRCS Ltd., Keonjhar on or before 10/02/2021 at 5:00 pm
3	Supply, installation and commissioning of the machinery etc.	Within 3 month from the date of placement of order or advance paid failing which order may be cancelled
4	Period of warranty / performance Guarantee of machines.	3 Years
5	Submission of the Programme for delivery	Within 30 days from the date of the acceptance of the order placed.
6	Submission of all requisite documents to be provided by the manufacturer/ supply agency along with the Tender document (In Technical BID).	<p>1. Covering Letter, self-attested PAN CARD, GSTIN Registration details, GST returns update, Certificate of incorporation / MSME registration / Udyog Aadhar, 3 years IT returns, Bank statements of last six months, Average annual turnover for last 3 years, Experience certificates of such kind of work if available.</p> <p>2. Tender paper can be downloaded free of cost from the website. Please refer page No. 9 for financial bid as Annexure – I-weaving and Page No.11 for Financial bid as Annexure-II -weaving for technical bid.</p> <p>3. Tender to be sent only in Speed Post</p> <p>4. Cost of Tender document Rs.1000/- (Rupees One Thousand only) in shape of DD drawn in favour of Secretary, Bhagamunda TRCS Ltd., Keonjhar payable at Keonjhar in any nationalized bank</p> <p>5. EMD in shape of DD of Rs.1 Lakh (Rs. One Lakh only) for Part A – Weaving Machines and Rs. 25,000 (Rs. Twenty Five Thousand only) for part B – Material handling & Laboratory equipment.</p> <p>in favour of Secretary, Bhagamunda TRCS Ltd., Keonjhar payable at Keonjhar in any nationalized bank (EMD to be presented only by the successful bidders L1, L2 & L3 for final round of negotiation)</p>
7	Opening of Technical Bid	In the office of Secretary, Bhagamunda TRCS Ltd., Keonjhar on 11/02/2021 at 11:00 am
8	Opening of Financial Bid	In the office of Secretary, Bhagamunda TRCS Ltd., Keonjhar on 12/02/2021 at 11:00 am

N.B:- Considering limitation due to ongoing pandemic Covid-19 situation the Venue and place for dropping the tender may get changed. It will be intimated you accordingly.

If required Technical & Financial bid opening shall be take place via virtual platform and same will be intimated to all the participants well in advance.

PART – II

The Financial Bid must be submitted in the prescribed format as per Annexure – I with seal & authorised signature in a separate sealed envelope.

The Technical Bid must be submitted fulfilling all the technical parameters mentioned as per Annexure – II with seal & authorised signature in a separate sealed envelope.

1. Before submissions of the tender, the prospective bidders are expected to examine Technical Specifications of the equipment/machineries allied items required, terms and conditions, etc., given in the Tender Documents. Failure to furnish all information required by the Tender documents may result in the rejection of the bid. Detailed specifications of the items tendered and other accessories should be given, in the bid.
2. The descriptive leaflet giving the technical details of the equipment/machineries allied items should be supplied along with the quotation.
3. All accessories required for using the main equipment/machinery to make it fully operational for production are to be specified.
4. The suppliers of the machinery / equipment should provide both theoretical and practical training after commissioning the machinery or at an appropriate stage.
5. The price quoted should be exclusive of duty, GST, installation etc., which should be shown separately in the bid, if applicable. Freight and Insurance charges are to be indicated separately and the same will be paid at actual against supporting documents produced. Packing, forwarding and other charges as applicable are to be indicated separately in the tender.
6. Mode of payment will be finalised by the committee after opening of financial bid on the spot with the selected vender.
7. Delivery of the equipment/machineries should be as per the commitment from the date of receipt of initial payment against acceptance of order in case of Indigenous machinery and should not be extended.
8. The pre-installation requirements including space, nature of civil work, power point, power requirement etc. are to be mentioned clearly in the technical bid.
9. Separate bid for each of the items should be submitted in an envelope super scribed with the name of the item at the top, “LAST DATE OFSUBMISSION:10.02.2021 (5 PM), NAME AND ADDRESS OF THE BIDDER. The sealed envelopes in two bid system (Technical Bid & Financial Bid) shall be kept in one envelope and addressed to “The Chairman Purchase Committee, Office of Secretary Bhagamunda TRCS , Keonjhar”
10. The list of organizations (with full addresses, telephone / fax no., e-mail addresses etc.) in India and abroad to which the equipment/machinery were supplied is to be provided in the bid for our reference. Preference will be given if the supplies are made to internationally reputed test houses both in India and other countries particularly for the bided equipment.

11. Validity of the tender will be 180 days. The bid may be rejected if the validity is not given up to 180 days.
12. The supplier should take responsibility for delivering, installing and commissioning of the machinery inside the premises of Bhagamunda TRCS at the places specified in the tender. The address will be specified in the Purchase Order.
13. Late / delayed tender offers will not be considered at all.
14. Any non-fulfilment of the stipulation given above will make the bid invalid.
15. If the tenders received are not sealed properly, they will not be considered at all.
16. Purchase Committee as appointed by Secretary Bhagamunda TRCS, Keonjhar reserves the right to accept or reject any or all the bids either in full or part without assigning any reason thereof.
17. The local supplier shall be entirely responsible for all taxes duties, license fees etc., incurred until delivery of the contracted goods (to the purchaser) up to place of delivery.
18. The delivery installation & commissioning period of the equipment/machinery as agreed to should not be extended under normal conditions. Suitable penalty for non-execution of the order may be enforced to the extent of 1% of the cost of machinery for every week extended. In case of the delay beyond scheduled period due to some unforeseen reason, written permission is required from the Chairman, Purchase Committee with proper justification to avoid penalty.
19. The equipment/machinery & accessories should be delivered, installed and commissioned at the address specified in the order. Service / operation /instruction / calibration manuals (in English) tool kit and gauges must also be supplied along with the machinery and accessories.
20. During the guarantee / warrantee period, servicing / maintenance should be undertaken regularly, subsequently Servicing/maintenance should be undertaken by the manufacturer or authorised agency of the manufacturer.
21. Warranty / performance guarantee period of three years should be given in respect of all the machinery and accessories supplied. Terms for service contract after the expiry of said warranty period are to be quoted separately.
22. The manufacturer / supplier may indicate the Status of the Manufactured Product/or of the performed services as regards to ISO 9000 quality system.
23. List of servicing centres in India is to be indicated with detailed address, telephone no. / fax no. / e-mail address etc.
24. All pre-installation requisites such as Cables, Plugs, Compressor, and Stabilizer, etc. should be provided by the supplier along with the equipment/ machinery. Bhagamunda TRCS will provide adequate space, electricity & water, as the case may be, for the successful installation and commissioning of the equipment/machinery.
25. The Capacity statement of equipment, plant and past performance details should be provided.

Before finalising the order a technical committee along with technical consultants see actual installations of the machines offered by the bidder / supplier. Bidder/supplier needs to confirm the location for the visit and ensure all the permissions for the team to inspect the machines.

Reputed brand and company needs to be mentioned.

Please note that there would be further negotiations with L1, L2 & L3 bidders to arrive at final price.

NOTE: The bidder has to specifically state that the clauses one to all as above have been read and understood and agree to comply all the above mentioned clauses individually.

**Sd-
SECRETARY BHAGAMUNDA TRCS, BHAGAMUNDA
KEONJHAR**

ANNEXURE-I – Weaving Project

FINANCIAL BID

Sr. No.	List of machine	Specifications	Quantity	Landed Rate Per Unit in Words & Figures	Total Amount in Rs.
A.	Weaving Machines				
1	Rapier Weaving Machine - With Electronic Dobby	Rapier with Electronic Dobby for weaving of Tassar Silk fabrics from 20 Denier to Coarser Nominal Width - 1900 mm Min. - Practical Loom RPM- Min. 200 (Refer page 1 & 2 for more specifications)	1		
2	Rapier Weaving Machine - With Electronic Jacquard	Shuttle loom with Electronic Jacquard - 1400 hooks for weaving of Tassar Silk fabrics from 20 Denier to Coarser Nominal Width - 1600 mm - Practical Loom RPM- Min. 150 (Refer page 1 & 2 for more specifications)	1		
3	Sectional Warping Machine For Silk	Working Width 2200 mm Warping Speed - Min. 300 Mtr/ min Beaming Speed - Min. 70 Mtr/Min Creel Type - Revolving No. of Ends - 480	1		
4	Hank To Cone Winding Machine	No. Of Spindles - 30 Drums Feed Yarn - On bobbins Min. Winding Speed - 500 Mtrs./Min. Thread break stop motion - Required Yarn Clearer - Required Length measuring unit - Electronic	1		
5	Knotting Machine	Count Range - 20 Denier to Coarser Knotting Speed - 60 - 600 knots/min.	1		

B	Material Handling And Laboratory Equipment
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1. Material Handling

Sr. No.	List of Equipment	Quantity	Landed Rate Per Unit in Words & Figures	Total Amount in Rs.
1	Bansan Fan (Humidifier)	2		
4	Fabric Inspection Table	1		
2	Yarn Package Peg Trollies - Max 60 Pegs	5		
3	Beam Carrying Trollies	1		
4	Fabric Roll Carrying Pallets	2		
5	Empty Beam Carrying Trollies	2		

2. Laboratory Equipment

Sr.No.	Laboratory Equipment	Quantity	Landed Rate Per Unit in Words & Figures	Total Amount in Rs.
6	Sample Cutter & Digital Balance	1		
7	Electric Oven	1		
8	Fabric Thickness Gauge	1		
9	Pick Glass	1		
10	Hot Plates	1		
11	Micro Scope	1		
12	Thermometers	2		
13	Digital Moisture Meter	1		
14	Electronic Balance (310 grams)	2		
15	Digital GSM Scale	1		

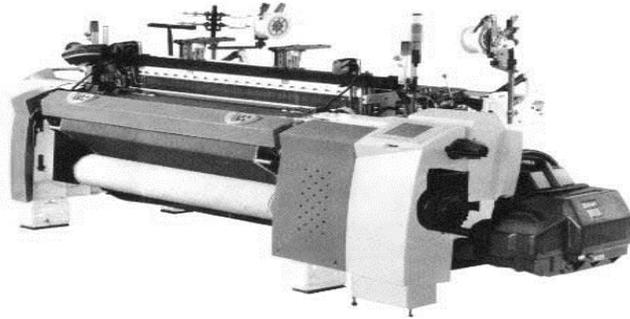
SUMMARY OF COSTS

Sr. No.	List of Equipment	Landed Rate Per Unit in Words & Figures	Total Amount in Rs.
A	Weaving Machines		
B	Material Handling & Laboratory Equipment		
1.	Material Handling		
2.	Laboratory Equipment		
	TOTAL		

ANNEXURE-II – Weaving

TECHNICAL BID

1. TECHNICAL SPECIFICATIONS OF RAPIER WEAVING MACHINE (LOOM)

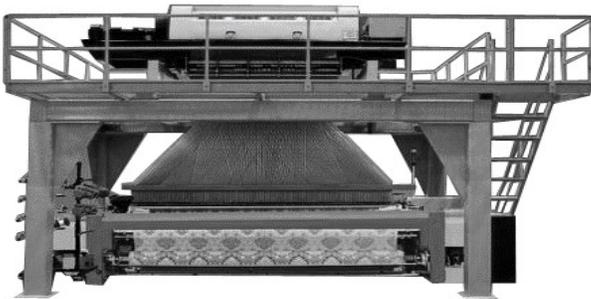


TECHNICAL SPECIFICATIONS OF RAPIER WEAVING MACHINE (LOOM)

Machine	1 Rapier shuttle less loom with Electronic Dobby for weaving of Tassar Silk saree, dress material etc. from 20 Denier to Coarser
Loom Width	<ul style="list-style-type: none">- Nominal Width - 1900 mm- Maximum reed Width - 1900 mm- Minimum reed width - 800 mm
Loom RPM	<ul style="list-style-type: none">- Practical Loom RPM:- Min. 200
Shedding Motion	<ul style="list-style-type: none">- Electronic Dobby
Let Off and Take-up	<ul style="list-style-type: none">- Electronic with independent motor
Drive	<ul style="list-style-type: none">- Direct drive, speed controlled by microprocessor without change of pulley, without clutch system
No. Of Colours	<ul style="list-style-type: none">- Electronic weft colour selector for 4 colours- Weft Feeders :- 4- Weft Sensors
Temples	<ul style="list-style-type: none">- Temple Set: 6 Rings with Nylon barrel
Selvedge Device	<ul style="list-style-type: none">- Tucking-in Selvedge
Warp Beam	<ul style="list-style-type: none">- Beam Flange - 550 mm- Single Beam- No. Of Beams 2
Cloth Rollers	<ul style="list-style-type: none">- No. of cloth Rollers 2
Heald Frames	<ul style="list-style-type: none">- 16 Nos.
Heald Wires	<ul style="list-style-type: none">- Minimum 10,000 Nos.
Drop Wires	<ul style="list-style-type: none">- Minimum 10,000 Nos.
Warp Tension Sensor	<ul style="list-style-type: none">- Electronic Optical Warp over tension sensor
Set of Equipment &	<ul style="list-style-type: none">- Set of equipment for loom erection

Tool Box	- Toolbox with torque wrenches
Spares	- One set of mechanical essential spares of 5% amount of value of loom
Loom Price, Erection & Commissioning	- Loom Price should be <ul style="list-style-type: none"> • Landed at site in case of local supply • CIF Indian PortParadip in case of imported machines - Cost of erection & commissioning should be included in offer

2. TECHNICAL SPECIFICATIONS OF RAPIER WEAVING MACHINE (LOOM)

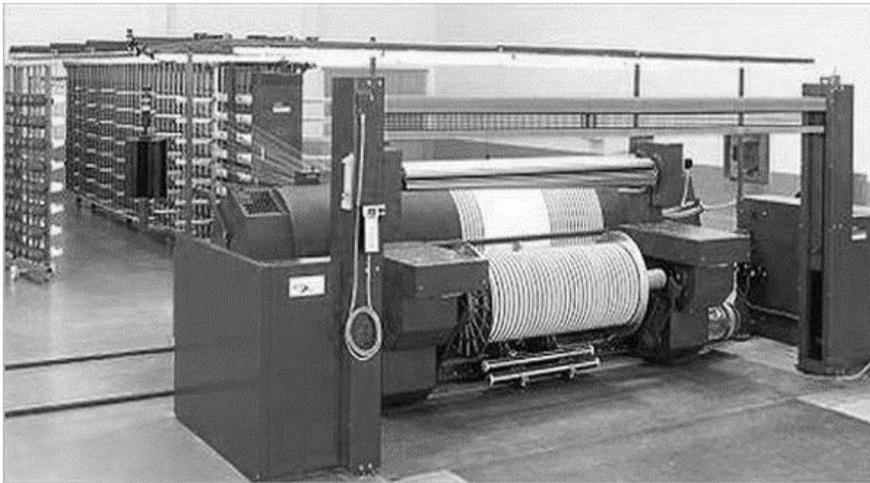


TECHNICAL SPECIFICATIONS OF RAPIER WEAVING MACHINE (LOOM)

Machine	1 Rapier loom with Electronic Jacquard (1400 hooks) for weaving of Tassar Silk fabrics from 20 Denier to Coarser
Loom Width	- Nominal Width - 1600 mm - Maximum reed Width - 1600 mm - Minimum reed width - 800 mm
Loom RPM	- Practical Loom RPM:- Min. 150
Shedding Motion	- Electronic Jacquard
Let Off and Take-up	- Electronic with independent motor - Electric cabinet with microprocessor, electronic pick finding
Drive	- Drive by vertical shaft control, speed controlled by microprocessor without change of pulley, without clutch system
Jacquard Hooks	- No. of hooks 1400
Jacquard Harness	- Set of harness with spring pull-down with perforated boards for harness guidance with 1400 hooks
No. Of Colours	- Electronic weft colour selector for 4 colours - Weft Feeders :- 4 - Weft Sensors
Temples	- Temple Set: 6 Rings with Nylon barrel
Selvedge Device	- Tucking-in Selvedge
Warp Beams	- Beam Flange - 550 mm - Single Beam - No. Of Beams 2
Cloth Rollers	- No. of cloth Rollers 2

Heald Frames	- 16 Nos.
Heald Wires	- Minimum 10,000 Nos.
Drop Wires	- Minimum 10,000 Nos.
Warp Tension Sensor	- Electronic Optical Warp over tension sensor
Set of Equipment & Tool Box	- Set of equipment for loom erection - Toolbox with torque wrenches
Spares	- One set of mechanical essential spares of 5% amount of value of loom
Loom Price, Erection & Commissioning	- Loom Price should be <ul style="list-style-type: none"> • Landed at site in case of local supply • CIF Indian Port Paradip in case of imported machines - Cost of erection & commissioning should be included in offer

3. TECHNICAL SPECIFICATIONS OF SECTIONAL WARPING MACHINE

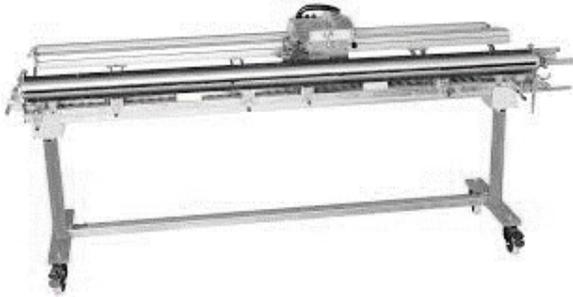


TECHNICAL SPECIFICATIONS OF SECTIONAL WARPING MACHINE

Machine	1 Sectional Warping Machine for Warping of For Silk and Cotton, Linen, Polyester blended yarns
Working Width	- 2200 mm
Machine Speed	- Warping Speed - Minimum 300 meters/Min. - Beaming Speed - Minimum 70 Meters/Min. - PLC controlled speed & length measuring counters
Cone Angle	- 7 degree
Beaming Tension	- 0 - 350 Kgs
Beam Flange Diameter	- 550 mm - Beam Adaptor Required
Static Eliminator	- Warp table / Leasing Stand
Eyelet Board	- Yes, Required
Creel	- Revolving Creel - No. of Ends - 480 - Pitch 180 x 180 - Tier (V x H) 10 x 8
Set of Equipment &	- Set of equipment for warping machine erection

Tool Box	- Toolbox with torque wrenches
Spares	- One set of mechanical essential spares of 5% amount of value of machine
Machine Price, Erection & Commissioning	- Machine Price should be <ul style="list-style-type: none"> • Landed at site in case of local supply • CIF Indian Port Paradip in case of imported machines - Cost of erection & commissioning should be included in offer

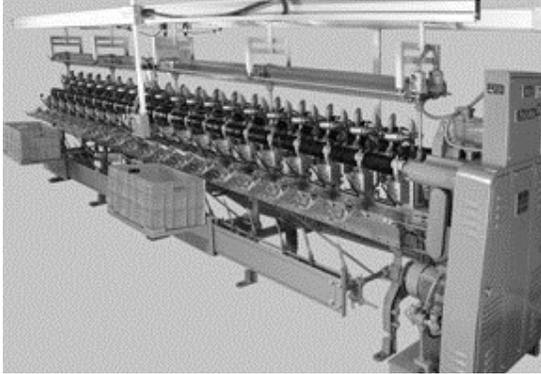
4. TECHNICAL SPECIFICATIONS FOR KNOTTING MACHINE (WARP TYING MACHINE)



TECHNICAL SPECIFICATIONS OF KNOTTING MACHINE (WARP TYING MACHINE)

Machine	1 Knotting Machine (Warp Tying Machine)
Yarn Type & Count Range	- Silk yarn, cotton yarn, polyester yarn (Spun & Filament) - 20 Denier to Coarser
Knotting Speed	- Knotting Speed - 60 - 600 knots/min.
Tying Head	- Tying head with head cart (1 head/set) - With indication of warp breakages
Tying Frame	- Tying frame for 75" (2 frames/set) - Working width - Maximum 75"
Spares	- One set of mechanical essential spares of 5% amount of value of machine
Machine Price, Erection & Commissioning	- Machine Price should be <ul style="list-style-type: none"> • Landed at site in case of local supply • CIF Indian Port Paradip in case of imported machines - Cost of erection & commissioning should be included in offer

5. TECHNICAL SPECIFICATIONS FORCONE WINDING MACHINE



TECHNICAL SPECIFICATIONS FORCONE WINDING MACHINE

Machine	1 Cone Winding Machine
Yarn Type & Count Range	- Silk yarn, cotton yarn, polyester yarn (Spun & Filament) - 20 Denier to Coarser
No. Of Drums	- 30
Feed Yarn	- On Bobbins
Cones	- 5- 57 / 4-20
Winding Speed	- Minimum 500 meters/Min.
Length Measuring Unit	- Electronic
Thread Break Stop Motion	- Required
Yarn Clearer	- Mechanical
Spares	- One set of mechanical essential spares of 5% amount of value of machine
Machine Price, Erection & Commissioning	- Machine Price should be <ul style="list-style-type: none"> • Landed at site in case of local supply • CIF Indian Port Paradip in case of imported machines - Cost of erection & commissioning should be included in offer