

बिरसा रेषम धागा उत्पादक संघ

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Tender Call Notice on Limited Tendering Method

Sealed tenders are invited from registered dealers/agencies for providing different types of equipment for production of "Resham Yarn" by an unit called common facility Centre, Bhaturiya, Dumka. The detailed term & conditions and prescribed formats for submission of tender are available in the website of JSLPS e.g. www.jslps.org, which can be downloaded for use. Interested dealers/agencies may submit their tender in a sealed cover super-scribing as **"Tender for Supply of equipment Reelers & Spinners for 2019-20"** to the undersigned on or before 15.30 hours of **22nd Feb. 2020.**

S/D

PRESIDENT

Address for submission of Bid:

Birsa Resham Dhaga Utpadak Sangh,
Bhaturiya,Block -Ramgarh
P.S. - Ramgarh, Dist.: Dumka
Pin:814102

Copy to the Notice Board of JSLPS-Dumka and Website i.e. www.jslps.org.

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TERMS AND CONDITIONS

1. The tender shall be for the full quantity of all item(s) as described in the schedule of requirement and specification at **Annexure- I**. The format for price bid is specified in **Annexure- II**, which should be used at the time of submission of tender. Corrections, if any, shall be made by crossing out, initialing, dating and rewriting.
2. GST should be clearly mentioned separately in terms of percentage in the price sheet.
3. Each bidder shall submit only one bid, alternative bid or any conditional offer shall not be accepted. Tender received through e-mail/fax shall also not be accepted.
4. The rates quoted by the bidders shall be fixed for the duration of the contract and shall not be subject to adjustment on any account.
5. The Prices shall be quoted in Indian Rupees only.
6. Evaluation will be made for the package not on the item wise and the lowest evaluated responsive package price shall be taken into consideration.
4. Normal commercial warranty/guarantee shall be applicable to the supplied goods.
5. Tenders shall remain valid for a period not less than **45 days** from the date of opening of the bid.
6. The delivery & installation should be completed within 30 days from the date of receipt of the purchase order.
7. Any delay by the supplier in the delivery of the items shall render the supplier liable to be charged liquidated damages @ 0.5% per week or part thereof subject to a maximum of 10% of purchase order value which will be deducted from the payment due.
8. Eligibility criteria:
 - Copy of GST Registration certificate.
 - Rate should be quoted as per the format for the full quantity of all and any item as mentioned in **Annexure-II**.
 - Tender should be properly signed and stamped.
 - Confirm to the terms, conditions and specifications of the items.
 - Single price for each item & alternative offer shall not be accepted.
 - Copy of the authorization letter from the concern manufacturer.
 - Copy of CSB Empanelled letter.

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9. The bid will liable to be rejected if any of the above conditions is not complied with.
10. **Issue of Purchase Order.**
The Purchase Order will be placed to the selected bidder whose bids has been determined to be substantially responsive and who has offered the lowest evaluated package price. The terms of the accepted offer shall be incorporated in the purchase order.
11. Payment shall be made after the delivery and acceptance of the goods according to the supply order in support of production of bills, installation report, warranty certificate etc.
12. Any efforts by a bidder to influence the purchaser in its decision on bid evaluation or placement of purchase order may result in rejection of the bidder's offer.
13. The tender will be open in Birsa Resham Dhaga Utpadak Sangh, Bhaturiya at 16.00 on the last date specified for submission of tender.
14. Notwithstanding the above, the purchaser reserves the right to accept or reject any bid(s) and to cancel the bidding process at any time prior to the issue of Purchase Order.
15. Any legal dispute arising out of this is subject to Dumka jurisdiction only.
16. Empanelment vendor From CSB only Apply for the tender.

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Schedule of Requirement & Specifications

Annexure-I

Sl. No.	Name of the items	Quantity	Brief Specification
1	Reeling -cum - twisting Machine	30	<ol style="list-style-type: none">1. AC Motor 0.25 HP / 1400 rpm2. Spindle to spindle center distance 125 mm3. Spindle Wharve Dia = 19 mm4. Ring rail Length = 510 mm5. Worm reduction Gear box of ratio - 1:506. Delivery Roller - Stainless Steel, Dia = 100 mm7. Delivery Roller speed - Steps of 20 - 50 rpm8. Top Roller of Rubber, Length = 50 mm9. Jetteboute pulley dia = 18.20 mm10. Jetteboute speed = 400 rpm11. Connecting rods with rod-end bearing for ring rail movement12. Lappet body with hooks13. Thread guide pulleys above top roller14. Cocoon Tray size 600 x 250 mm <p>15. Accessories & Servicing Features:</p> <p>Set of standard spares like croissure pulleys 10 nos. travellers 1000 nos., 20 nos. Thread guides 10 nos., PU belt 10 meter, Rings 3 nos. Spindles 2 nos., tools and consumables are to be provided</p> <p>Apart from ensuring one year warranty on machineries performance, it is mandatory to extend one year free service (which includes repair, break down & replacement of worn parts).</p>

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2	Re-Reeling Machine	10	<p style="text-align: center;">1. Frame</p> <p>Frame shall be of sturdy cast iron / M.S frame. and mechanical parts machined wherever necessary. Machine shall be of 1.4 meter length, 0.635 meter width, height of the machine shall be of 0.92 meter. Reel shaft shall be at a height of 36" from the floor level. Frame shall be fixed by 3 nos. 16mm M. S. rod and 40mm x 40mm, 6mm thick M S angle. Re-Reeling window shall be of 0.92 meter length consisting of six ends per window .</p> <p>2. Reel</p> <p>The Reel shall be made of sturdy aluminium hub of 1.5 meter in circumferences, which shall be fixed on 6 way aluminium hubs having 10mm 4 fixed spokes and 2 collapsible spokes with brass wing nuts. The re-reeling aluminium hubs shall be fixed on 20mm center shaft. The collapsible spokes shall be 12mm diameter. The brass wing nut shall have 25mm thread length.</p> <p>The wooden baton shall be made of good quality seasoned teak wood smoothly polished of size 50mm X 25mm X 660mm with single groove in the middle of baton of size 4mm square.</p> <p>The reel shaft shall be made of M.S. 20 mm diameter fitted with both sides sealed ball bearings of 15 mm inner diameter on both sides of the shaft. The bearings shall be fitted on open type cast iron housings on left side and self aligned U block on the right side. The drive to the reel shaft is transmitted through a cast iron drum wheel and a friction wheel of 15cm dia, made of compressed hard wood with cast iron flange with hub fastened with MS 3 bolts and nuts. 2 nos. of 'U' bearings fitted on the top of either frame along the engage and disengage mechanism for the reel bar.</p> <p>3. Reel brake:</p> <p>Engage and disengage mechanism for reel shall be provided to the window. Mechanism should be effective to stop the reels with minimum rotations whenever necessary and reels should not rotate backwards.</p> <p>4. Traverse</p> <p>a) The Traverse bevel gear shall be made of nylon – 6 material having 16 T X 25 T of 3 modules.</p> <p>b) The thread distribution shall be connected with 100 mm disk for eccentric drive and with curved shape traverse connecting rod using 6 mm M.S. rod-edges bushed. The traverse pipe shall be welded and drives to avoid wobbling. The traverse pipe shall be of size 13 mm 24 gauge square steel tube mounted on nylon rollers and having 6 ends / window. The distance between guide to guide is 115 ±2 mm. The weight of the distribution pipe with thread guides shall be 400 gms.</p> <p>c) Pigtail type ceramic thread guides shall be fixed in the vertical position and the thread shall pass on stainless steel tension tube of 24-gauge and 16mm diameter.</p> <p>d) Balloon control rings shall be fixed on flat frame and shall be made from 5 mm thickness stainless steel wire having 35 mm inner diameter and length of 5.25" (3 numbers) & 4.25" (3 numbers).</p> <p>5. Drying Arrangements:</p> <p>Provision has to be made to dry the silk using Char coal bed. Suitable stand fabricated from MS to be provided to the window below the reels. Wire mesh shall be provided above the char coal bed (below the reels) to protect the yarn from sparks.</p> <p>6. Main Shaft</p> <p>Main shaft shall be of MS bright reel 25 mm with self aligned pillow block bearing. The drive is transferred through 46 cms-48cms diameter cast iron drum wheel.</p> <p>7. Power drive</p> <p>Re reeling machine has to be driven by motor of 0.25 Hp.</p>
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3	Re-Reeling Drum	30	Accessory supported to MRTM.																				
4	Spinning Machine	10	<table border="1"> <tr> <td>Machine</td> <td>Solar Powered plus Pedal Operated Silk Spinning Machine</td> </tr> <tr> <td>No. Of Ends</td> <td>Single end Silk Spinning machine</td> </tr> <tr> <td>Frame</td> <td>MS CRC Rectangular Pipe & Sheet Powder coated Leveling studs for leveling of machine</td> </tr> <tr> <td>Spindle</td> <td>High Speed Spindles with SKF bearings Wharve dia 18.5 mm Pigtail guide – hardened chrome polished</td> </tr> <tr> <td>Traverse</td> <td>Integrated Enclosed Worm gear mechanism for traverse Pigtail type thread guides shall be fixed in vertical position Linear bearings (2 Nos.) provided for Traverse guide rod movement Black coated rings of dia 51 mm with Ring Traveler Rocker Guide mechanism for traverse of minimum 70 mm</td> </tr> <tr> <td>Drive</td> <td>12V / 15W DC motor with duty cycle of 70% Replaceable PU Round Belts for drive transfer</td> </tr> <tr> <td>Pedal Frame</td> <td>Foot pedal with bicycle wheel fit on double bearing. Connecting rod with Rod end bearing and adjustable length.</td> </tr> <tr> <td>Control Panel</td> <td>Micro-controller based Machine Control panel featuring Motor Soft start, PWM Speed controller with 3 variable speeds selectable by rotary switch. Foot Switch for spinning operation LED work light & Mobile charger connection</td> </tr> <tr> <td>Solar System</td> <td>Hybrid Solar and Grid Battery charging system with low battery and over current protection and indicators. Solar PV panels of rating 30 W / machine Sealed Lead Acid battery of 12 Ah.</td> </tr> <tr> <td>Accessories & Servicing</td> <td>Set of standard spares like travelers 1000 nos. , PU belt 5 meter, thread guides 10 nos. , Bobbins 10 nos. , tools and</td> </tr> </table>	Machine	Solar Powered plus Pedal Operated Silk Spinning Machine	No. Of Ends	Single end Silk Spinning machine	Frame	MS CRC Rectangular Pipe & Sheet Powder coated Leveling studs for leveling of machine	Spindle	High Speed Spindles with SKF bearings Wharve dia 18.5 mm Pigtail guide – hardened chrome polished	Traverse	Integrated Enclosed Worm gear mechanism for traverse Pigtail type thread guides shall be fixed in vertical position Linear bearings (2 Nos.) provided for Traverse guide rod movement Black coated rings of dia 51 mm with Ring Traveler Rocker Guide mechanism for traverse of minimum 70 mm	Drive	12V / 15W DC motor with duty cycle of 70% Replaceable PU Round Belts for drive transfer	Pedal Frame	Foot pedal with bicycle wheel fit on double bearing. Connecting rod with Rod end bearing and adjustable length.	Control Panel	Micro-controller based Machine Control panel featuring Motor Soft start, PWM Speed controller with 3 variable speeds selectable by rotary switch. Foot Switch for spinning operation LED work light & Mobile charger connection	Solar System	Hybrid Solar and Grid Battery charging system with low battery and over current protection and indicators. Solar PV panels of rating 30 W / machine Sealed Lead Acid battery of 12 Ah.	Accessories & Servicing	Set of standard spares like travelers 1000 nos. , PU belt 5 meter, thread guides 10 nos. , Bobbins 10 nos. , tools and
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5	Weighing Balance	1	Electronic balance of weighing capacity 30 kg and sensitivity 2 gm.																				
6	Almirah	1	Steel Almirah with Locker, W x H x D: 34" x 78" x 19", Guage: 20 Guage, 4 shelf - 5 compartment, Material: Metal																				
7	Stools	40	Height: 2 feet, Material: Wooden																				
8	Aluminum Cooking vessel	2	25 Litter Aluminum Cooking vessel with cover																				
9	Pressure cooker-	2	20 Litter Hawkins or equivalent																				
10	Electric Extension Board	40	Anchor or equivalent Electric Board 4"x6", 5pin Socket with switch and Indicator																				

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ANNEXURE-II

(On the letter head of the firm)

FORMAT FOR SUBMISSION OF PRICE BID

1	2	3	4	5	6		7
Sl. No.	Name of the items	Make/model	Qty.	Unit Rate (Rs.)	Total Amount (Rs.) (4X5)		Taxes (%)
					In Fig.	In Words	
1	Reeling -cum -twisting Machine		30				
2	Re-Reeling Machine		10				
3	Re-Reeling Drum		30				
4	Spinning Machine		10				
5	Weighing Balance		1				
6	Almirah		1				
7	Stools		40				
8	Aluminium Cooking vessel		2				
9	Pressure cooker		2				
10	Electric Extension Board		40				

We agree to supply the above goods in accordance with the technical specifications for a total price of Rs: (Amount in figures) (Rs:.....amount in words) within the period specified in the tender.

We also confirm that the normal commercial warrantee/guarantee of 12 months shall apply to the offered goods.

Date:

Signature of the Bidder

Place:

Name & Business Address:
(Seal of the firm)

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