



# Mukhyamantri Laghu Evam Kutir Udyam Vikas Board

(A Govt. of Jharkhand Undertaking)

D.I.C. Campus, Udyog Bhwan, 4<sup>th</sup> Floor, Ratu Road, Ranchi.

Contact-9262219999, e-mail: contact.cmlaghukutir@gmail.com



Ref: 482

Date: 31.12.2018

## Notice Inviting Re-Tender for supply, installation of equipment for Lac Value-Added Training Program – Tender Documents

**MMLKUVB** invites sealed tender (2 envelope bid-Technical bid and Financial bid) from eligible agencies (SSI / MSME / Proprietorship / Partnership / NGOs / Societies / SHG's firms etc.) for supply, installation of equipment and accessories for lac value-added (seedlac, button lac, sealing wax, handmade shellac etc.) production training programs at site across Jharkhand. Preference shall be given to agencies having experience in the lac processing industry.

**Tender Fees:** A non refundable total tender fees of Rs.5000.00 (Rupees Five Thousand only) to be enclosed with technical Bid in form of Demand Draft drawn on any nationalised bank in favour of "Mukhyamantri Laghu Evam Kutir Udyam Vikas Board" payable at Ranchi. (Exemption from tender fees applicable as per Jharkhand Industrial Policy on submission of valid document)

### Time Schedule of Tender

Sl.No.	Particulars	Date	Time
a.	Tender Publication Date	31.12.18	
b.	Document download/physical copy procurement from office	31.12.18	During office hours
c.	Start date for clarification	31.12.18	
d.	Last date for clarification	08.01.19	
e.	Pre Bid Meeting – CEO's Chamber, 4 <sup>th</sup> Floor, Udyog Bhawan, Ratu Road, Ranchi – 834 001	16.01.19	11:30 hrs
f.	Bid Submission end date and time	18.01.19	
g.	Opening of Tender Documents	21.01.19	12:00 hrs

Agencies that have applied to the earlier tender will have to apply fresh. Agencies that have applied earlier need not submit Tender Fees again.

For detailed tender documents comprising scope of work, technical specifications, application format, other terms and conditions etc. visit the website: [www.jharkhandindustry.gov.in](http://www.jharkhandindustry.gov.in)

The Board reserves the right to withdraw/amend the Tender without any notice or assigning any reason. Jurisdiction for any dispute arising out of the Tender will be at Ranchi.

**Sd/-**  
Chief Executive Officer

**Notice Inviting Re-Tender for supply, installation of equipment for Lac Value-Added Training  
Program – Detailed Tender Documents**

**MMLKUVB** invites sealed tender (2 envelope bid- Technical bid and Financial bid) from eligible agencies (SSI / MSME / Proprietorship / Partnership / NGOs / Societies / SHG's firms etc.) for supply, installation of equipment and accessories for lac value-added (seedlac, button lac, sealing wax, handmade shellac etc.) production training programs at site across Jharkhand. Preference shall be given to agencies having experience in the lac processing industry.

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**Scope of Work:** Supply of equipment/accessories, installation of mechanical equipments, civil works for button lac bhatta and drying platform for seedlac.

List of equipment and accessories:

Sl. No.	ITEM	TECHNICAL SPECIFICATION	UoM	Estimated Cumulative (all items) Cost in Rupees (Excluding Taxes)
1.	Crusher (Size-2 no.)	<ul style="list-style-type: none"> <li>• Manual crusher</li> <li>• Material of construction: Steel</li> <li>• Machine consist of two crushing rollers at 4ft approx height. Size: Length x Dia -1ft x 9 inches approx with helical teeth on rollers mounted on iron frame</li> <li>• Handle for operating crusher and spur gear mechanism for opposite rotation of rollers.</li> <li>• Provision of hopper for feeding material in</li> </ul>	Set	Rs.121000.00 (Rupees One lac twenty one thousand only)

		<p>crusher</p> <ul style="list-style-type: none"> <li>• Overall size of machine (lxbxh)= 3x3x 6feet approx.</li> <li>• Roller gap adjustment with help of circular wheel/Knob</li> <li>• Provision of grouting the crusher on floor with bolts.</li> <li>• To be grouted at site.</li> </ul>		
2.	Chautal/ drying Platform	<ul style="list-style-type: none"> <li>• Brick layered and plastered</li> <li>• Size- 15ftx15 ft (To be made at site.)</li> </ul>	Set	
3.	Stone/cemented Vat (Nand)	<ul style="list-style-type: none"> <li>• Materials of construction- Stone or cement PCC</li> <li>• Inner surface of Nand should have races/ rough for rubbing crushed lac.</li> <li>• Walls of Naad with increasing thickness from top to bottom.</li> <li>• Thickness of wall at top – 2.5 inches approx.</li> <li>• Inner diameter at top- 3 ft. approx. Inner diameter at bottom- 1to1.5ft. approx.</li> <li>• Depth inside Nand- 1.5 ft. approx.</li> <li>• To be grouted in floor at site with <math>\frac{1}{2}</math> ft of Vat/Nand projecting above ground.</li> </ul>	Pc.	
4.	Plastic Tub/ Dhaama	<ul style="list-style-type: none"> <li>• Materials Plastic</li> <li>• Big size 21” approx., Capacity – 30 litre</li> </ul>	Pc.	
5.	Tin soop	<ul style="list-style-type: none"> <li>• Material-Tin/G.I. 20 gauge thickness approx.</li> <li>• Size – 1 ft.x 1 ft. approx.</li> <li>• Height at back- 3 inch approx.</li> </ul>	Pc.	
6.	Bamboo soop	<ul style="list-style-type: none"> <li>• Made of Bamboo material</li> <li>• Size-1ft x1ft approx.</li> <li>• Height at back-3 inch approx.</li> </ul>	Pc.	
7.	Drum(fiber/plastic)	<ul style="list-style-type: none"> <li>• Made of fiber/plastic</li> <li>• capacity – 200 litre</li> </ul>	Pc.	
8.	Bamboo Tokri	<ul style="list-style-type: none"> <li>• Made of Bamboo material</li> <li>• Capacity- 30 kg</li> </ul>	Pc.	
9.	Bamboo broom	<ul style="list-style-type: none"> <li>• Made of Bamboo material</li> <li>• Size- 2 feet approx.</li> </ul>	Pc.	
10.	Spade/ Belcha	<ul style="list-style-type: none"> <li>• Made of iron and its handle made of wood</li> <li>• Total length 3feet approx.</li> <li>• Belcha size (length x breadth)= 1feet x 10 inches, Thickness-14 gauge approx.</li> </ul>	Pc.	
11.	Kudaali (patti) big size	<ul style="list-style-type: none"> <li>• Made of iron and its handle made of wood</li> <li>• Total length 3feet approx.</li> <li>• Kudaali metal piece size (l xb x t)= 10 inch x9 inch x 2.5mm approx.</li> </ul>	Pc.	
12.	Kudaali (Kanta) big size	<ul style="list-style-type: none"> <li>• Made of iron and its handle made of wood</li> <li>• Total length 3feet approx.</li> <li>• Kudaali metal piece size (l x b)= 9 inch x8 inch approx</li> </ul>	Pc.	
13.	Vibrating screen	<ul style="list-style-type: none"> <li>• Made of GI/Iron material 8 mesh size in wooden frame</li> <li>• Size- length x breadth= 4x3 feet approx.</li> <li>• Manual unit</li> </ul>	Pc.	
14.	Chalni/Sieve (Size-4 No)	<ul style="list-style-type: none"> <li>• Round wooden frame</li> <li>• Sieve made of G.I. 4 mesh size</li> <li>• Size- Diameter- <math>1\frac{1}{4}</math> feet approx.</li> <li>• Height- 3 inches approx.</li> </ul>	Pc.	
15.	Chalni/Sieve	<ul style="list-style-type: none"> <li>• Round wooden frame</li> </ul>	Pc.	

	(Size-6 No)	<ul style="list-style-type: none"> <li>Sieve made of G.I. 6 mesh size</li> <li>Size- Diameter- 1<sup>1</sup>/<sub>4</sub> feet approx.</li> <li>Height- 3 inches approx.</li> </ul>		
16.	Chalni/Sieve (Size-8 No)	<ul style="list-style-type: none"> <li>Round wooden frame</li> <li>Sieve made of G.I. 8 mesh size</li> <li>Size- Diameter- 1<sup>1</sup>/<sub>4</sub> feet approx.</li> <li>Height- 3 inches approx.</li> </ul>	Pc.	
17.	Chalni/Sieve (Size-10 No)	<ul style="list-style-type: none"> <li>Round wooden frame</li> <li>Sieve made of G.I. 10 mesh size</li> <li>Size- Diameter- 1<sup>1</sup>/<sub>4</sub> feet approx.</li> <li>Height- 3 inches approx.</li> </ul>	Pc.	
18.	Chalni/Sieve (Size-12 No)	<ul style="list-style-type: none"> <li>Round wooden frame</li> <li>Sieve made of G.I. 12 mesh size</li> <li>Size- Diameter- 1<sup>1</sup>/<sub>4</sub> feet approx.</li> <li>Height- 3 inches approx.</li> </ul>	Pc.	
19.	Chalni/Sieve (Size-20 No)	<ul style="list-style-type: none"> <li>Round wooden frame</li> <li>Sieve made of G.I. 20 mesh size</li> <li>Size- Diameter- 1<sup>1</sup>/<sub>4</sub> feet approx.</li> <li>Height- 3 inches approx.</li> </ul>	Pc.	
20.	Chalni/Sieve (Size-30 No)	<ul style="list-style-type: none"> <li>Round wooden frame</li> <li>Sieve made of S.S. 30 mesh size</li> <li>Size- Diameter- 1<sup>1</sup>/<sub>4</sub> feet approx.</li> <li>Height- 3 inches approx.</li> </ul>	Pc.	
21.	Chalni/Sieve (Size-40 No)	<ul style="list-style-type: none"> <li>Round wooden frame</li> <li>Sieve made of S.S. 40 mesh size</li> <li>Size- Diameter- 1<sup>1</sup>/<sub>4</sub> feet approx.</li> <li>Height- 3 inches approx.</li> </ul>	Pc.	
22.	Chalni/Sieve (Size-50 No)	<ul style="list-style-type: none"> <li>Round wooden frame</li> <li>Sieve made of S.S. 50 mesh size</li> <li>Size- Diameter- 1<sup>1</sup>/<sub>4</sub> feet approx.</li> <li>Height- 3 inches approx.</li> </ul>	Pc.	
23.	Marking Cloth	<ul style="list-style-type: none"> <li>Normal quality</li> </ul>	Per metre	
24.	Electronic Weigh Machine/Scale	<ul style="list-style-type: none"> <li>Capacity- 100 kg</li> <li>Platform type- 400x 500mm approx. Platform material-Stainless steel.</li> <li>Accuracy-10gm.</li> <li>Digital display</li> <li>With battery backup and rechargeable</li> </ul>	Pc.	
25.	Small weighing balance ( Taraju)	<ul style="list-style-type: none"> <li>For manual measurement with hand.</li> <li>Made of Brass material with lever and two Pan fitted with chain at both ends. Length of lever- 10 inch, Size of circular Pan- 6 inch</li> <li>With brass weights: 1,2,5,10,20,50,100 and 250gm</li> </ul>	Set	
27.	Sealing Wax Mould	<ul style="list-style-type: none"> <li>Materials used – Mild steel (M.S.)</li> <li>Mould should consist of three parts (two outer &amp; one central) hinged at one side and provision of tightening bolt 15 mm in flanged at other side.</li> <li>Mould consist of total 36 circular/square holes of diameter/ side-0.5 inches per holes and depth of 6 inches approx. in two row. (18 holes in each row). Holes open from top for pouring material.</li> <li>Mould should have top open metal jackets on outer two parts for water jacketing (1-1.5 inch width) and cooling purpose.</li> </ul>	Pc.	

28.	Gas stove	<ul style="list-style-type: none"> <li>For LPG with valve, pipe etc.</li> <li>Size-1.25 ft sides approx.</li> <li>Height- 1.5 to 2ft. approx.</li> </ul>	Set
29.	Kadhai	<ul style="list-style-type: none"> <li>Thick kadhai made of iron material with handle on both side.</li> <li>Size: Dia. x Depth- 2 feet x 4-6 inches approx.</li> </ul>	Pc.
30.	Ladle	<ul style="list-style-type: none"> <li>Made of iron material</li> <li>Length of Ladle- 2 feet approx.</li> </ul>	Pc.
31.	Bhatta/Earthen oven (For hand made shellac/button lac making)	<ul style="list-style-type: none"> <li>Made up of Bricks wall, Dongi and salami stones (two different types) and clay/mud. Reinforcing of arc roof with iron rods as per requirement.</li> <li>Span of Bhatta-3 to 4ft. approx.</li> <li>Overall Size of Bhatta (Height x Breadth x height)- 6 feet X 3 feet X 3 feet approx.</li> <li>Seating platform was provided at one side. (Height x Breadth x height)- 2 feet X 2 feet X 2 feet approx.</li> <li>Provision of earthen pot1- 2 ltr approx for water attached to platform and khunti for resting markin cloth bag and different 6-10 patta for support to bag between bhatta and chakri.</li> <li>Bhatta to be made at site.</li> </ul>	Set
32.	Chakri (Windlass)	<ul style="list-style-type: none"> <li>Made of wooden material for manual rotation of 2 inch size approx. markin cloth tube bag filled with seedlac.</li> <li>Made of two wooden planks. Wooden cross type handle fitted in wooden L type frame of bottom plank size length- 3 ft., Width-6 inch, Thickness-2.5 inch Approx. Vertical plank 1.6 ft height.</li> <li>Length of cross handle 1-1.5 ft approx.</li> <li>Cross handle should be fitted in 2ft long tapered wooden shaft of 10mm dia for fastening one end of markin cloth tube bag.</li> <li>Size of blade- 6 inches each blade approx.</li> </ul>	Pc.
33.	Markin cloth tubular bag	<ul style="list-style-type: none"> <li>Stitched Markin cloth tubular bag 2 inch dia approx and 20 ft lenth.</li> </ul>	Per meter
34.	Funnel	<ul style="list-style-type: none"> <li>Made of Tin/G.I. material</li> <li>Total length of Funnel- 1ft. approx.</li> <li>Top diameter- 1ft. approx.</li> <li>Thickness- 22/24 gauge approx.</li> </ul>	Pc.
35	Kirikhodani	<ul style="list-style-type: none"> <li>Bent Knife with handle for kiri removal from bag</li> <li>½ inch width and total length 1ft.</li> </ul>	Pc.
36	Kolchula	<ul style="list-style-type: none"> <li>Shovel like iron blade 6x6 inch attached to 4-6 ft long bamboo pole and used for poking the fire.</li> </ul>	Pc.
37	Button lac hook(Kurni)	<ul style="list-style-type: none"> <li>Consist of a spatula with wooden handle</li> <li>Blade is metal strip ½ inch width and 9 inch approx. with end bend to form U-shaped hook</li> <li>Total length- 18 inch.</li> </ul>	Pc.
38	Charna	<ul style="list-style-type: none"> <li>Blade of Iron 9 inch long and 1.5 inch width. Thichness-<math>\frac{1}{8}</math> inch. And attached to wooden handle.</li> <li>Total length-2ft approx.</li> </ul>	Pc.
39	Prabandha	<ul style="list-style-type: none"> <li>Flat iron piece 8 inch long, 2 inch width,</li> </ul>	Pc.

		Thickness- <sup>1</sup> / <sub>8</sub> inch approx. • Used for transferring molten lac to surface of Pipa	
40.	G.I. Sheet piece (Khola)	• Made of G.I 14 gauge • Size-1.5ft x 1 ft approx.	Pc.
41.	Ceramic Pupa/cylinder	• Porcelain cylinder with cap • Size (Length x Diameter)- 2 feet x 1 feet approx.	Pc.

The above list of items can be viewed physically at Sidrol Lac Factory, Namkum, Ranchi, during the Bid Clarification Stage as mentioned in the time schedule.

**Mode of Submission of Bid:**

Interested agencies shall submit their tender document in two parts in two different envelopes, the first to be super scribed as – Techno-commercial BID for supply of training tools for Lac Value-Added Training.

The second envelope to be super scribed as – for supply of training tools for Lac Value-Added Training. Both the envelopes to be put together in a third envelope to be super scribed as:

“Tender for supply of training tools for Lac Value-Added Training.”

Tender Ref No.....Due Date of Submission.....

And to be addressed to:

The CEO,  
Mukhyamantri Laghu Evam Kutir Udyam Vikas Board,  
4<sup>th</sup> Floor, Udyog Bhawan, Ratu Road, Ranchi – 834 001

**Eligibility Criteria:**

Bidder will enclose the following documents self certified in the techno-commercial bid (first envelope):

1. Covering Letter on Letter Head of the Bidder (Format present as Annexure-I)
2. Demand Draft for Rupees Five Thousand Only in favour of “Mukhyamantri Laghu Evam Kutir Udyam Vikas Board” payable at Ranchi and drawn on any nationalised bank
3. PAN
4. GST if applicable (Exemption Declaration/Certificate to be enclosed)
5. SSI/NSIC/MSME Registration Certificate (If applicable)
6. Past Experience: Work orders/completion certificates etc.
7. Experience Documents pertaining to lac value-addition if any
8. ITR for last 2 years

**Terms and Conditions:**

1. Bidder will quote rates for each article as per the table in Price Bid. (Format present as Annexure-II)
2. Rates should be inclusive of all taxes, duties, transportation and installation at training site. (Training Site will be across Jharkhand)
3. Any shortfalls in techno commercial bid will result in disqualification of the bidder and price bid will not be entertained by the Tender Inviting Authority

4. Bidder should quote for each and every item else bid will not be considered.
5. Validity of rates and offer should be 12 months from the date of opening of tender
6. Cumulative cost will be considered for deciding L1.
7. Work order shall be reserved for L1 bidder and other bidders may be offered to supply on L1 rates for ensuring timely supply of items.
8. Prior to awarding work order successful bidder or bidders will have to submit sample of all items for technical approval by ICAR-IINRG, Namkum, Ranchi.
9. All documents to be typed, printed as per format, duly stamped and self certified as true copy (for photocopies)
10. The tender inviting authority reserves the right to cancel the tender, reject all tenders at any point of time without assigning any reason.
11. Jurisdiction for any disputes arising out of the tender will be Ranchi, Jharkhand.
12. Agencies that have applied earlier will have to quote fresh and re applying agencies will be exempted from submission of tender fees.

**Covering Letter Format**

To,

The CEO,

MMLKUVB, Ranchi

Sub: Tender for supply of training tools for Lac Value-Added Training – Techno-Commercial Bid cum Covering Letter

Dear Sir,

Please find enclosed our tender documents as per the subject matter.

We have fully understood the terms and conditions of the tender and shall abide by them during the tender process.

All information provided by us are true, any information furnished found to be untrue will result in disqualification and any legal action may be pursued by the tender inviting authority thereof.

We also understand that the tender inviting authority reserves the right to cancel the entire tender or disqualify our bid at any point of time without assigning any reason.

Signature of Bidder:

Name of Bidder:

Seal of Bidder:

Date:



**Price-Bid Format**

To,

The CEO,

MMLKUVB, Ranchi

Sub: Tender for supply of training tools for Lac Value-Added Training – Price Bid

Sl. No	ITEM	SPECIFICATION	UoM	Rate in Rs./-
1.	Crusher (Size-2 no.)	<ul style="list-style-type: none"> <li>• Manual crusher</li> <li>• Material of construction: Steel</li> <li>• Machine consist of two crushing rollers at 4ft approx height. Size: Length x Dia -1ft x 9 inches approx with helical teeth on rollers mounted on iron frame</li> <li>• Handle for operating crusher and spur gear mechanism for opposite rotation of rollers.</li> <li>• Provision of hopper for feeding material in crusher</li> <li>• Overall size of machine (lxbxh)= 3x3x 6feet approx.</li> <li>• Roller gap adjustment with help of circular wheel/Knob</li> <li>• Provision of grouting the crusher on floor with bolts.</li> <li>• To be grouted at site.</li> </ul>	Set	
2.	Chautal/ drying Platform	<ul style="list-style-type: none"> <li>• Brick layered and plastered</li> <li>• Size- 15ftx15 ft (To be made at site.)</li> </ul>	Set	
3.	Stone/cemented Vat (Nand)	<ul style="list-style-type: none"> <li>• Materials of construction- Stone or cement PCC</li> <li>• Inner surface of Nand should have races/ rough for rubbing crushed lac.</li> <li>• Walls of Naad with increasing thickness from top to bottom.</li> <li>• Thickness of wall at top – 2.5 inches approx.</li> <li>• Inner diameter at top- 3 ft. approx. Inner diameter at bottom- 1to1.5ft. approx.</li> <li>• Depth inside Nand- 1.5 ft. approx.</li> <li>• To be grouted in floor at site with<sup>1</sup>/<sub>2</sub> ft of Vat/Nand projecting above ground.</li> </ul>	Pc.	
4.	Plastic Tub/ Dhaama	<ul style="list-style-type: none"> <li>• Materials Plastic</li> <li>• Big size 21” approx., Capacity – 30 litre</li> </ul>	Pc.	
5.	Tin soop	<ul style="list-style-type: none"> <li>• Material-Tin/G.I. 20 gauge thickness approx.</li> <li>• Size – 1 ft.x 1 ft. approx.</li> <li>• Height at back- 3 inch approx.</li> </ul>	Pc.	
6.	Bamboo soop	<ul style="list-style-type: none"> <li>• Made of Bamboo material</li> <li>• Size-1ft x1ft approx.</li> <li>• Height at back-3 inch approx.</li> </ul>	Pc.	
7.	Drum(fiber/plastic)	<ul style="list-style-type: none"> <li>• Made of fiber/plastic</li> <li>• capacity – 200 litre</li> </ul>	Pc.	
8.	Bamboo Tokri	<ul style="list-style-type: none"> <li>• Made of Bamboo material</li> <li>• Capacity- 30 kg</li> </ul>	Pc.	
9.	Bamboo broom	<ul style="list-style-type: none"> <li>• Made of Bamboo material</li> </ul>	Pc.	

		<ul style="list-style-type: none"> <li>• Size- 2 feet approx.</li> </ul>		
10.	Spade/ Belcha	<ul style="list-style-type: none"> <li>• Made of iron and its handle made of wood</li> <li>• Total length 3feet approx.</li> <li>• Belcha size (length x breadth)= 1feet x 10 inches, Thickness-14 gauge approx.</li> </ul>	Pc.	
11.	Kudaali (patti) big size	<ul style="list-style-type: none"> <li>• Made of iron and its handle made of wood</li> <li>• Total length 3feet approx.</li> <li>• Kudaali metal piece size (l x b x t)= 10 inch x9 inch x 2.5mm approx.</li> </ul>	Pc.	
12.	Kudaali (Kanta) big size	<ul style="list-style-type: none"> <li>• Made of iron and its handle made of wood</li> <li>• Total length 3feet approx.</li> <li>• Kudaali metal piece size (l x b)= 9 inch x8 inch approx</li> </ul>	Pc.	
13.	Vibrating screen	<ul style="list-style-type: none"> <li>• Made of GI/Iron material 8 mesh size in wooden frame</li> <li>• Size- length x breadth= 4x3 feet approx.</li> <li>• Manual unit</li> </ul>	Pc.	
14.	Chalni/Sieve (Size-4 No)	<ul style="list-style-type: none"> <li>• Round wooden frame</li> <li>• Sieve made of G.I. 4 mesh size</li> <li>• Size- Diameter- 1<sup>1</sup>/<sub>4</sub> feet approx.</li> <li>• Height- 3 inches approx.</li> </ul>	Pc.	
15.	Chalni/Sieve (Size-6 No)	<ul style="list-style-type: none"> <li>• Round wooden frame</li> <li>• Sieve made of G.I. 6 mesh size</li> <li>• Size- Diameter- 1<sup>1</sup>/<sub>4</sub> feet approx.</li> <li>• Height- 3 inches approx.</li> </ul>	Pc.	
16.	Chalni/Sieve (Size-8 No)	<ul style="list-style-type: none"> <li>• Round wooden frame</li> <li>• Sieve made of G.I. 8 mesh size</li> <li>• Size- Diameter- 1<sup>1</sup>/<sub>4</sub> feet approx.</li> <li>• Height- 3 inches approx.</li> </ul>	Pc.	
17.	Chalni/Sieve (Size-10 No)	<ul style="list-style-type: none"> <li>• Round wooden frame</li> <li>• Sieve made of G.I. 10 mesh size</li> <li>• Size- Diameter- 1<sup>1</sup>/<sub>4</sub> feet approx.</li> <li>• Height- 3 inches approx.</li> </ul>	Pc.	
18.	Chalni/Sieve (Size-12 No)	<ul style="list-style-type: none"> <li>• Round wooden frame</li> <li>• Sieve made of G.I. 12 mesh size</li> <li>• Size- Diameter- 1<sup>1</sup>/<sub>4</sub> feet approx.</li> <li>• Height- 3 inches approx.</li> </ul>	Pc.	
19.	Chalni/Sieve (Size-20 No)	<ul style="list-style-type: none"> <li>• Round wooden frame</li> <li>• Sieve made of G.I. 20 mesh size</li> <li>• Size- Diameter- 1<sup>1</sup>/<sub>4</sub> feet approx.</li> <li>• Height- 3 inches approx.</li> </ul>	Pc.	
20.	Chalni/Sieve (Size-30 No)	<ul style="list-style-type: none"> <li>• Round wooden frame</li> <li>• Sieve made of S.S. 30 mesh size</li> <li>• Size- Diameter- 1<sup>1</sup>/<sub>4</sub> feet approx.</li> <li>• Height- 3 inches approx.</li> </ul>	Pc.	
21.	Chalni/Sieve (Size-40 No)	<ul style="list-style-type: none"> <li>• Round wooden frame</li> <li>• Sieve made of S.S. 40 mesh size</li> <li>• Size- Diameter- 1<sup>1</sup>/<sub>4</sub> feet approx.</li> <li>• Height- 3 inches approx.</li> </ul>	Pc.	
22.	Chalni/Sieve (Size-50 No)	<ul style="list-style-type: none"> <li>• Round wooden frame</li> <li>• Sieve made of S.S. 50 mesh size</li> <li>• Size- Diameter- 1<sup>1</sup>/<sub>4</sub> feet approx.</li> <li>• Height- 3 inches approx.</li> </ul>	Pc.	
23.	Marking Cloth	<ul style="list-style-type: none"> <li>• Normal quality</li> </ul>	Per metre	
24.	Electronic Weigh	<ul style="list-style-type: none"> <li>• Capacity- 100 kg</li> </ul>	Pc.	

	Machine/Scale	<ul style="list-style-type: none"> <li>Platform type- 400x 500mm approx. Platform material-Stainless steel.</li> <li>Accuracy-10gm.</li> <li>Digital display</li> <li>With battery backup and rechargeable</li> </ul>		
25.	Small weighing balance ( Taraju)	<ul style="list-style-type: none"> <li>For manual measurement with hand.</li> <li>Made of Brass material with lever and two Pan fitted with chain at both ends. Length of lever- 10 inch, Size of circular Pan- 6 inch</li> <li>With brass weights: 1,2,5,10,20,50,100 and 250gm</li> </ul>	Set	
27.	Sealing Wax Mould	<ul style="list-style-type: none"> <li>Materials used – Mild steel (M.S.)</li> <li>Mould should consist of three parts (two outer &amp; one central) hinged at one side and provision of tightening bolt 15 mm in flanged at other side.</li> <li>Mould consist of total 36 circular/square holes of diameter/ side-0.5 inches per holes and depth of 6 inches approx. in two row. (18 holes in each row). Holes open from top for pouring material.</li> <li>Mould should have top open metal jackets on outer two parts for water jacketing (1-1.5 inch width) and cooling purpose.</li> </ul>	Pc.	
28.	Gas stove	<ul style="list-style-type: none"> <li>For LPG with valve, pipe etc.</li> <li>Size-1.25 ft sides approx.</li> <li>Height- 1.5 to 2ft. approx.</li> </ul>	Set	
29.	Kadhai	<ul style="list-style-type: none"> <li>Thick kadhai made of iron material with handle on both side.</li> <li>Size: Dia. x Depth- 2 feet x 4-6 inches approx.</li> </ul>	Pc.	
30.	Ladle	<ul style="list-style-type: none"> <li>Made of iron material</li> <li>Length of Ladle- 2 feet approx.</li> </ul>	Pc.	
31.	Bhatta/Earthen oven (For hand made shellac/button lac making)	<ul style="list-style-type: none"> <li>Made up of Bricks wall, Dongi and salami stones (two different types) and clay/mud. Reinforcing of arc roof with iron rods as per requirement.</li> <li>Span of Bhatta-3 to 4ft. approx.</li> <li>Overall Size of Bhatta (Height x Breadth x height)- 6 feet X 3 feet X 3 feet approx.</li> <li>Seating platform was provided at one side. (Height x Breadth x height)- 2 feet X 2 feet X 2 feet approx.</li> <li>Provision of earthen pot 1- 2 ltr approx for water attached to platform and khunti for resting markin cloth bag and different 6-10 patta for support to bag between bhatta and chakri.</li> <li>Bhatta to be made at site.</li> </ul>	Set	
32.	Chakri (Windlass)	<ul style="list-style-type: none"> <li>Made of wooden material for manual rotation of 2 inch size approx. markin cloth tube bag filled with seedlac.</li> <li>Made of two wooden planks. Wooden cross type handle fitted in wooden L type frame of bottom plank size length- 3 ft., Width-6 inch, Thickness-2.5 inch Approx. Vertical plank 1.6 ft height.</li> <li>Length of cross handle 1-1.5 ft approx.</li> <li>Cross handle should be fitted in 2ft long tapered wooden shaft of 10mm dia for fastening one end of markin cloth tube bag.</li> </ul>	Pc.	

		<ul style="list-style-type: none"> <li>• Size of blade- 6 inches each blade approx.</li> </ul>		
33.	Markin cloth tubular bag	<ul style="list-style-type: none"> <li>• Stitched Markin cloth tubular bag 2 inch dia approx and 20 ft lenth.</li> </ul>	Per meter	
34.	Funnel	<ul style="list-style-type: none"> <li>• Made of Tin/G.I. material</li> <li>• Total length of Funnel- 1ft. approx.</li> <li>• Top diameter- 1ft. approx.</li> <li>• Thickness- 22/24 gauge approx.</li> </ul>	Pc.	
35	Kirikhodani	<ul style="list-style-type: none"> <li>• Bent Knife with handle for kiri removal from bag</li> <li>• ½ inch width and total length 1ft.</li> </ul>	Pc.	
36	Kolchula	<ul style="list-style-type: none"> <li>• Shovel like iron blade 6x6 inch attached to 4-6 ft long bamboo pole and used for poking the fire.</li> </ul>	Pc.	
37	Button lac hook(Kurni)	<ul style="list-style-type: none"> <li>• Consist of a spatula with wooden handle</li> <li>• Blade is metal strip ½ inch width and 9 inch approx. with end bend to form U-shaped hook</li> <li>• Total length- 18 inch.</li> </ul>	Pc.	
38	Charna	<ul style="list-style-type: none"> <li>• Blade of Iron 9 inch long and 1.5 inch width. Thichness-<sup>1</sup>/<sub>8</sub> inch. And attached to wooden handle.</li> <li>• Total length-2ft approx.</li> </ul>	Pc.	
39	Prabandha	<ul style="list-style-type: none"> <li>• Flat iron piece 8 inch long, 2 inch width, Thichness-<sup>1</sup>/<sub>8</sub> inch approx.</li> <li>• Used for transferring molten lac to surface of Pipa</li> </ul>	Pc.	
40.	G.I. Sheet piece (Khola)	<ul style="list-style-type: none"> <li>• Made of G.I 14 gauge</li> <li>• Size-1.5ft x 1 ft approx.</li> </ul>	Pc.	
41.	Ceramic Pupa/cylinder	<ul style="list-style-type: none"> <li>• Porcelain cylinder with cap</li> <li>• Size (Length x Diameter)- 2 feet x 1 feet approx.</li> </ul>	Pc.	
<b>Grand total in Rs./-</b>				
<b>(inclusive of all taxes, duties, transportation, construction, installation at site)</b>				

Signature of Bidder:

Name of Bidder:

Seal of Bidder:

Date: