



TENDER NOTICE NO: KVIB/SFURTI/03 of 2018

DATED:-12 .07.2018

### NOTICE INVITING TENDER

**Subject: Notice inviting Tenders for supply of Machinery for:-**

- 1. Sukhnag Sozni Embroidery Cluster Rudbugh Budgam, and**
- 2. Martand Chain Stitch & Crewel embroidery Cluster Ranipora Anantnag.**

Online bids and Sealed Technical bids along with tender document fee of Rs. 5000/= and earnest money of Rs. 4.00 lacs affixed with revenue stamp of Rs 5/= only are invited for and behalf of J &K Khadi and Village Industries Board, Direction office Sanat Ghar Bemina Srinagar / Exhibition Ground Jammu from Original Manufactures/Authorised distributors/Registered Suppliers for supply, delivery, installation and commissioning of below mentioned machineries as per specifications given against each and as per terms and conditions mentioned below.

#### **List of Machinery to be supplied:**

<b>Phase 1</b>			
S.No	Machinery	Capacity/Specification	Quantity
1	Yarn Dyeing Machine 5 Kgs capacity per cycle	A yarn dyeing machine suitable for dyeing of cotton, Woollen and silk Yarns to be supplied with the following specification ✓ Cooling, In & Out Auto Valves ✓ Steam, In & Out Line with Auto Valves ✓ De- Pressurize & Pressurize Auto Valves ✓ All Manual Valves ✓ 2 Nos – Yarn Carrier ✓ Additional Tank & Back Cooler With Pipelines ✓ Motor HP- Main Pump-3 HP & Injection Pump -2 HP ✓ SS Control Panel, Schneider Accessories & Janatics Solenoid Valve. ✓ Suitable For PC4 Programmer ✓ Mild Steel CR Sheet 2 mm thickness inside & Outside, Between gap 40mm Insulation Glass Wool, Channel & Angles-6mm Thickness, Heating Radiator-2 Nos made out of 1” NB MS Seamless pipe	02

		Schedule-10, (will Cover from top to bottom Inside of the drier, 2 Nos of Inlet & Outlet).Panel Board with Necessary Switches, Temperature Controller, Sensor Etc							
2	Yarn Dyeing Machine 10 Kgs capacity per cycle	<p>A yarn dyeing machine suitable for dyeing of cotton, Woollen and silk Yarns to be supplied with the following specification</p> <ul style="list-style-type: none"> <li>✓ Cooling, In &amp; Out Auto Valves</li> <li>✓ Steam, In &amp; Out Line With Auto Valves</li> <li>✓ De- Pressurize &amp; Pressurize Auto Valves</li> <li>✓ All Manual Valves</li> <li>✓ 2 Nos – Yarn Carrier</li> <li>✓ Additional Tank</li> <li>✓ Motor HP- Main Pump-5 HP &amp; Injection Pump -2 HP</li> <li>✓ Back Cooler with Pipelines.</li> <li>✓ Suitable For PC4 Programmer</li> <li>✓ Material Of Construction:</li> </ul> <p>Mild Steel CR Sheet 2 mm thickness inside &amp; Outside, Between gap 40mm Insulation Glass Wool, Channel &amp; Angles- 6mm Thickness, Heating Radiator-2 Nos made out of 1" NB MS Seamless pipe Schedule-10, (will Cover from top to bottom Inside of the drier, 2 Nos of Inlet &amp; Outlet).Panel Board with Necessary Switches, Temperature Controller, Sensor Etc....</p>	02						
3	Fabric Dyeing Machine 5 Kgs capacity per cycle	<p>The processing machine should be suitable for dyeing/washing of delicate textile fabric in rope form upto a temperature of 135 degree C. The fabric should be treated softly so that delicate fabrics retain their handle and feel. There should be mechanism to pass the fabric in rope form through the Soft Overflow Nozzles, and remains immersed in the degumming/dye liquor in the main vessel.</p> <p>The detailed specifications are given below in the following table:</p> <table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="width: 15%;">S. No</th> <th style="width: 35%;">Nominal Capacity per Batch</th> <th style="width: 50%;">Max. 5.0 Kg/ 50meters depending on the type of the fabric.</th> </tr> </thead> <tbody> <tr> <td>i</td> <td>Minimum MLR</td> <td>1: 6 to 1:10 depending on the type of fabric, dyes, chemicals and the process.</td> </tr> </tbody> </table>	S. No	Nominal Capacity per Batch	Max. 5.0 Kg/ 50meters depending on the type of the fabric.	i	Minimum MLR	1: 6 to 1:10 depending on the type of fabric, dyes, chemicals and the process.	04
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i	Minimum MLR	1: 6 to 1:10 depending on the type of fabric, dyes, chemicals and the process.							

		ii	Maximum Reel Speed Meters / Min.	Up to 150	
		iii	No. of fabric ropes	1	
		iv	Winch Motor H. P.	0.5 HP	
		v	Circulation Pump H.P	5HP.	
		vi	Plaiter	Through geared motor.	
		vii	Take off Reel H. P.	0.5 HP geared motor.	
		viii	Electricity Supply	415 V,3 Phase, 50 Hz.	
		ix	Range of Temperature	Ambient to 135 degree C.(ambient temperature during winter could be as low as 5°C and accordingly the steam supply should be moderated)	
		x	Minimum Rope Length in Meters	10 – 20 meters.	
		xi	Vessel diameter in mm.	1400	
		xii	Vessel Width in mm.	750	
		xiii	Vessel Shell thickness	4mm	
		xiv	Vessel dish end thickness	6mm	
		xv	Nozzle diameter in mm.	125	
		xvi	Nozzle Gap in mm.	10	
		xvii	Overflow Rinse Outlet	Provided to maintain 1:10 MLR during Rinsing.	
		xviii	Mat. Of Construction	All wet parts should be Stainless Steel as AISI 316. Few external parts should be Stainless Steel as AISI 304. Operator platform and supports may be of MS powder coated	
		xix	Floor Space in mm.	2000 Width x 2500 Depth x 3100 Height. It is only an indicative dimension for housing the machine	

4	Hydro-Extractor 05-10 Kgs per batch	<p>The hydro Extractor to dehydrate the textile after washing should be supplied. The capacity of the hydro extractant fabric will be 100 -200 meters (5-10 Kg per batch) should be provided with required accessories.</p> <p>Machine Details &amp; Accessories to be supplied are as follows:</p> <ul style="list-style-type: none"> <li>✓ The hydro extractor System should be Centrifugal type</li> <li>✓ The loading and unloading of textile material should be Semi Automatic or manual type</li> <li>✓ Hydro extractor Operation Control-should be Push Button &amp; Invertors Control (ABB Suitable for 7.5HP)</li> <li>✓ Bottom Plate &amp; Base Frame- M.S With Powder Coated</li> <li>✓ Spindle Speed- maximum 2880 RPM</li> <li>✓ Power Installed-7.5 HP (ABB / Crompton Greaves or any other suitable make)</li> <li>✓ Drum- Single Drum</li> <li>✓ Base Frame Size-1300 x 1500 x 200 x 10 mm</li> <li>✓ Panel Board Size-500 x 800 x 200mm (with Powder Coated)</li> <li>✓ Diameter Of Hydro Extractor -- 850mm</li> <li>✓ Thickness Of Outer Shell – 3mm</li> <li>✓ Thickness Of Inner Shell with Curved Parts -2.5mm x Ø 200mm</li> <li>✓ Spindle Thickness- Ø 50 x 5mm</li> <li>✓ Height Of Spindle -520 mm</li> <li>✓ Spindle Locking Base Plate Thickness- 12.5 mm</li> <li>✓ Limit Switch- 1. Door Opening</li> <li>✓ Motor Side should be sound and vibration proof and should not cause sound pollution</li> </ul>	02
5	Yarn dryer with capacity of 15 kg	<ul style="list-style-type: none"> <li>✓ Cabinet: Made of 18 Gauge MS sheet Insulated with 50mm thick glass wool for prevent heat loss thus saving energy.</li> <li>✓ Main Door and Rear Door: Made of 18 Gauge MS sheet Insulated with 50mm thick glass wool fitted with heavy duty hinges and rapid door locking arrangement and is sealed with asbestos gasket to prevent heat loss.</li> <li>✓ Blower Fan- Pulley Driven: Fitted with 3 phase AC motor for circulating the hot Air throughout the cabinet.</li> </ul>	02

		<ul style="list-style-type: none"> <li>✓ Heat Exchanger: For steam heating made up of MSc class seamless pipe with aluminium fins for better efficiency.</li> <li>✓ Carriers: Double set of carrier to save the precious loading and unloading the Hank yarn into the steam cabinet.</li> <li>✓ Carrier rods/Hank Sticks (double set) : carrier rods made up of aluminium to accommodate yarn for loading and unloading into the cabinet.</li> <li>✓ Dehumidifier: To control moisture fitted with Digital Timer and single phase Ac motor.</li> <li>✓ Manual Air Vent: To exhaust the moist air, if ever the dehumidifier breaks down</li> <li>✓ Power Control Panel: Digital temperature Indicator and Controller with Alarm. Necessary Indicators. Switches Protection devices for motors including relay and contactors.</li> </ul>	
6	Calendaring Machine (03 bowl)	<ul style="list-style-type: none"> <li>➤ Width of the calendaring machine: 1120 mm</li> <li>➤ Running speed: 5-50 Mtr/min.</li> <li>➤ Heating Source: Electric/Steam</li> <li>➤ Body: 50mm wall thickness strong body</li> <li>➤ Body Base: Heavy duty Buffer Type</li> <li>➤ Drive: 15HPAC Inverter Drive</li> <li>➤ Bowl Specification: <ul style="list-style-type: none"> <li>✓ Roller Face:1120 mm to 3400mm</li> <li>✓ Cotton Bowl: 24" dia (Cotton/Polyamide/paper)-2 Nos.</li> <li>✓ MS Steel Bowl: 14" dia (shrunk fitted)-1 No.</li> </ul> </li> </ul>	02
7	Boiler of 1000 Kg per hour capacity with water softening plant	<p>Industrial boiler with oil feeding system capable of generating steam of 1000kg/hr at 100 degree centigrade at a maximum of pressure of 10.54 kg/sq cm along with accessories with the following specifications should be supplied.</p> <ul style="list-style-type: none"> <li>❖ The boiler should be skid mounted, pre wired, pre insulated and fired on HSD.</li> <li>❖ The Chimney has to be sized in such a way that both units operate simultaneously and should be self supported with appropriate dimensions for venting of flue gases</li> </ul>	02

into atmosphere

- ❖ The boiler should be supplied with water softener and chemical doser which shall be installed prior to the feed water service tank in order to boost the pH of the water prior to entering into the boiler.
- ❖ Soft Water Service Tank of capacity of 8 KL and Fuel Oil Service Tank of capacity of 999 L with supporting structure should be supplied
- ❖ The other technical specifications are as under:

Description	Units	Details
Boiler Type	-----	Three pass wet back smoke tube boiler
Steam Output F & A 100 <sup>0</sup> C	kg / hr	1000
Maximum Steam Pressure	Kg/cm <sup>2</sup>	10.54 with suitable safety valve to set the optimum pressure
Thermal Efficiency on NCV (LO)	%	89 % (as per BS 845 Part -1 )
Dryness Fraction	%	98
Heat Output	10 <sup>6</sup> kcal/hr	0.54
Volumetric Heat Release Rate	10 <sup>6</sup> kcal/hr.m3	0.68
Heating Surface	m2	25
Water Holding Capacity Upto NWL	m3	3.22
Steam Space	m3	0.80
Boiler Turn Down ( Oil )	1 : 2	
Stack Temp	deg 0c	246
Fuel Type	LDO / HSD	
NCV of Light oil	kcal/kg	10200 (Min)
Burner	Oil on burner of mono block type	

		Light Up	By High Voltage Spark	
		Fuel Supply Pressure( Oil )	kg/cm <sup>2</sup> g	20-25
		Burner Turn Down ( Oil )	1:2.83	
		Modulation type	Step(Two stage)	Modulation type
		Combustion Blower motor	KW	1.5
		Fuel pump motor	KW	Coupled on blower shaft
		Fuel pump	Suitable to pump and moderate the fuel supply	
		FEED WATER PUMP		
		Type	Centrifugal Multistage - Vertical	Type
		Flow	m <sup>3</sup> /hr	2.7
		Head	MLC	120
		NPSH Required	MLC	3
		Impeller	Stainless Steel	
		Outer sleeve	Stainless steel	
		Shaft	Stainless Steel	
		Type Of Seal	Mechanical Type	
		Speed	RPM	2900
		Motor KW	KW	2.2
		Motor connection	starting	DOL
		Power Supply: suitable to source supply :	415 Volts + 6% ; 50 Hz + 3% ; 3 Ph,3 / 4 Wire	
		Control	240 Volts AC, Single Phase	Control
		Control Panel Load	KW	0.5
		Connected Load (excl stand-bys)	KW	4.20
		Fuel oil consumption should be in the range of:	kg/hr	59
		Others	Essential Spares/accessories for running of the boiler for two years	

## **General Terms and conditions:**

### **1: EARNEST MONEY:**

The tender should be supported with GST registration certificate with latest GST return. The tenders are required to be submitted (Financial Bids online and Technical bids in covered Envelops addressed to Financial Advisor and Chief Accounts Officer J&K Khadi and Village Industries Board Sanat Ghar Bemina Srinagar) accompanied with an earnest money of Rs 4.00 lac in the shape of CDR pledged to Financial Advisor and Chief Accounts Officer J&K Khadi and Village Industries Board Srinagar payable at Jammu & Kashmir Bank Moving secretariat Srinagar, otherwise tender will not be entertained. No interest would be payable on Earnest Money deposited with the Department. The tenders not accompanied with required earnest money shall be out rightly rejected.

### **2: SUBMISSION RECEIPT AND OPENING OF TENDERS:**

- a) The detailed documents can be downloaded from our website [www.jkkvib.nic.in](http://www.jkkvib.nic.in) and [www.jktenders.gov.in](http://www.jktenders.gov.in)

<b>S.NO.</b>	<b>DESCRIPTION</b>	<b>DATE and TIME</b>
01	Publish Date	12-07-18, 04:30 PM
02	Bid Submission	18-07-2018
03	Bid End Date	26-07-2018
04	Hard copy Submission Date	01-08-2018 UPTO 04:00 PM
05	Bid opening Date	02-08-2018 at 11:30 AM

b) The tenders will be opened on 02nd of August, 2018 at 11:30 A.M. or any other date convenient to Purchasing Committee, in presence of the tenderers who may like to be present at that time on their own expenses. If the last date for receipt/opening of tenders happens to be a holiday the date shall automatically get extended to next working day.

c) The Bidders are required to submit their tenders duly sealed and scribed with cover-1 (Technical bid) shall be contained in single envelope duly sealed and super scribed with " Tender for supply



of Machinery for KVIB Srinagar against **KVIB/SFURTI/03 of 2018 DATED:- 12.07.2018.**"

**3: COVER I** (Technical Bid)

The technical bid must be accompanied with following documents:

- 1) Earnest money of Rs 4.00 lacs in shape of CDR only.
- 2) Downloaded tenders should also be accompanied with Bank draft for Rs 5000/= (Non refundable) on account of tender fee.
- 3) GST registration certificate with latest GST return
- 4) Authorization/dealership certificate from principal manufacturer (in case of authorized dealers/distributors)
- 6) Last three year's turnover statement.
- 7) PAN Card, Bank, Branch, Bank Account Number, IFSC Code, MICR code and Income Tax Return Statement of previous year.
- 8) Machinery/equipment shall be ISI / ISO Certified.

**4: FIANCIAL BID :**

The Financial bid shall contain price quoted for the supply of tendered machineries submitted through Online system (E-tendering).

**5: RIGHT RESERVED BY PURCHASING COMMITTEE:**

The purchasing committee has the right to accept or reject any tender or all tenders in full or part thereof without assigning any reason.

**6: SIGNING OF TENDERS:**

Each page of the tender document must be duly signed, stamped, page marked and dated by the tenderer or their authorized representative.

**7: RETURN OF TENDER DOCUMENT:**

Tender documents once received shall not be returned and documents are non-transferable.

**8: FILLING OF TENDERS:**

The Technical Bids must be typed out or hand written legibly in ink and be given in figures as well as in words. Tenders written with pencil or partly typed or partly hand written shall not be considered. However, in case of unavoidable situation each correction should be authenticated by authorized signatory of the tenderer. No over-writing, additions or alterations should be made in the tender.

**9: PAYMENT:**

Payment of total value of order shall be released in favour of successful bidders after the ordered items are received at cluster sites, their installation, commissioning, and training of manpower, inspection and verification of bills thereof.

**10: QUANTITY:**

The quantities mentioned in the tender are tentative and can be increased as per the actual requirement or as per phase wise requirement or delete any machinery from the tender.

**11: VALIDITY OF RATES AND RATE CONTRACT:**

The successful tenderer will have to execute an agreement, the terms & conditions shall be drafted by the Standing Counsel of the Board. The rates quoted by the tenderer must be valid for the period of six months. The successful agency shall not assign or sublet his contract or any substantial part thereof to any other agency during the contract period

**12: DELIVERY PERIOD:**

The successful Bidders shall have to deliver the ordered machinery within 10 (ten) days time from the date of placement of supply order or as per delivery schedule given in the supply order.

### **13: INSPECTION / VERIFICATION COMMITTEE:**

The inspection of the supplied items after its arrival at cluster sites shall be carried out by the designated Inspection Committee / verification Committee in presence of the supplier or his authorized representative. Any shortage/breakage/damage/discrepancy noticed at the time of such inspection shall be replenished by successful tenderer free of cost within a period of one week from the date of such shortage/damage/discrepancy being noticed and communicated to him.

### **14: LIFTING BACK OF REJECTED SUPPLIES:**

In case the machinery is found defective/substandard or not fulfilling the requisite specification, said item supplied shall be rejected, same shall be lifted back by the supplier within a week from the date of intimation from this office, failing which the penalty @ 1% of the total value of rejected supplies per day shall be imposed against the supplier for a period of one week which shall be doubled in subsequent weeks and the material shall lie in the stores at the risk and responsibility of the supplier.

### **15: PENALTIES:**

In the event of the firm failing, declining, neglecting or delaying the supply of the ordered material within the delivery period stipulated in the supply order or in the event of any damage occurring or being caused in complying with any of the conditions of the supply order, the department shall without to any other remedy available to it under the law for the time being in force in Jammu and Kashmir.

Recover the amount of loss caused by damage, failure or default (including the consequential damages) as may be determined by us and/or,

Impose penalty not exceeding 10% of the total value of the order or more as may be determined by purchasing committee.

The delay in the delivery and imposing of penalty shall be subject to Force Majoure clause of this order.

Confiscate CDR.

**16: FORCE MAJORE:**

Any failure or omission to carry out the provisions of this NIT shall not give rise to any claim by one party against the other, if such failure or omission arises from "Act of God" which shall include all acts of Natural Calamities such as fire, flood, earthquakes, hurricanes or any pestilences or from civil strikes, compliances with any statute or regulations of the Government lock outs and strikes, riots, embargoes or from any other reasons beyond the control of the parties including the war (whether declared or not) Civil War or State of Insurrection.

**17: TAXES AND INSTALLATION:**

The price quoted must be inclusive of all taxes, installation charges and machinery / equipment shall be supplied/installed at the location Ranipora, Anantnag J&K and Rudbugh, Budgam J&K

**18: MODE OF PAYMENT:**

The payment of the machinery will be made through PFMS /RTGS mode after installing the machinery at both the Clusters and after inspection / verification conducted by the inspection / verification committee.

**19: JURISDICTION:**

For any legal disputes etc, jurisdiction shall be of Hon'ble High Court of Jammu and Kashmir at Srinagar only.

**20: ARBITRATION:**

If at any time any question, dispute or difference whatsoever shall arise between the parties upon or its relation to or in connection with this contract, either of the parties may give to the other party in writing of the existence of such question, dispute or difference and the same shall be referred to award to two

arbitrators one to be nominated by the department and either to be got nominated from the Finance Department. In case of such arbitrators not agreeing to, then to the award of and Umpire to be appointed by the arbitrators in writing before proceeding with the reference and the decision of the arbitrators or in the event of their not agreeing of the UMPIRE appointed by them shall be final and binding on the parties.

The provisions of J&K Arbitration, Act 2002 and of the rules there under or any statutory modifications thereof, shall be deemed to apply for arbitration. Such a notice of the existence of any question or dispute or difference in connection with the contract shall be served by either party within 60 days of the beginning of such dispute failing which all rights and claims under this contract shall be deemed to have forfeited and absolutely barred.

**21: AGREEMENT:**

The successful Bidders shall execute an agreement on Non-Judicial Stamp Paper of Rs 100/- for supply of ordered machinery/material with the to Financial Advisor and Chief Accounts Officer J&K Khadi and Village Industries Board Sanat Ghar Bemina Srinagar within a period of 05 (Five) days from the date of issue of supply order, for executing the contract in accordance with the terms and conditions of this NIT and that of supply order. All expenses on account of stamps, registration and other incidental charge shall be borne by the firm. Failure/ delay to execute such an agreement shall be borne by the firm. Failure/delay to execute such an agreement shall not however, prevent the contract from being enforced against the firm.

No:- NIT/SFURTI/03 of 2018

Dated:- 12-07-2018