

சர்தார் வல்லபாய் படேல் சர்வதேச ஜவுளி மற்றும் மேலாண்மை கல்லூரி, கோயமுத்தூர் – 641004.

सरदार वल्लभभाई पटेल इंटरनेशनल स्कूल ऑफ़ टेक्सटाइल्स एंड मैनेजमेंट कोयंबटूर - 641004.

SARDAR VALLABHBHAI PATEL INTERNATIONAL SCHOOL OF TEXTILES AND MANAGEMENT, COIMBATORE-641004.

Tender

for the Supply, Installation, of various
TEXTILE AND TECHNICAL TEXTILE LABORATORY MODEL/
PROTOTYPE MODEL MACHINERY & INSTRUMENTS
DEDICATED TO ACADEMIC ACTIVITIES
and Training to the staff of
SVPISTM, Coimbatore – 641 004.

Tender

for the PURCHASE OF TEXTILE AND TECHNICAL TEXTILE LABORATORY MODEL/ PROTOTYPE MODEL MACHINERY & INSTRUMENTS DEDICATED TO ACADEMIC ACTIVITIES

for

SARDAR VALLABHBHAI PATEL INTERNATIONAL SCHOOL OF TEXTILES AND MANAGEMENT. Coimbatore – 641 004

Tender No : SVPISTM/NTTM/2024-25/

Tender Date : 21-04-2024

Cost of the Tender document : 590/- (500 + 18 % GST).

Total Cost : Rs. 2.35 CRORE

EMD : As per Schedule (Clause 4 of Section 1)

Page No: 5

GST NO : 33AAETS0003R1ZI

Pre-Bid Conference : (Off-Line) 13.05-2024 at 11.00 A.M,

Admin. Block, SVPISTM, Coimbatore - 641004

(On-Line) 13.05-2024 at 03.00 P.M, Google Meet ID: Video call link

https://meet.google.com/jox-hwxc-eov

Last Date of submission : 21-05-2024 (2. OO PM)

Address for submission of Tender: The HoD (Textiles),

SARDAR VALLABHBHAI PATEL INTERNATIONAL SCHOOL OF TEXTILES AND MANAGEMENT,

1483, AVANASHI ROAD, Coimbatore – 641 004.

Date of Opening of Tender : **21 – 05-2024 (2.30 PM)**

Cost of the application form : In the form of a Demand Draft Earnest Money Deposit : In the form of Demand Draft/BG

Tenderer who are registered with NSIC/MSME authorities for the tendered service is exempted from the payment of EMD & Cost of the application form.

(Proof to be attached)

NOTE: ALL THE PAGES SHOULD BE SIGNED BY THE TENDERER.

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मांक्रामं वार्शशामां पिटारं मांवादिक श्ववानी एग्नेप्राणं दिएशाळां काए कर्शशामी सरदार वल्लभभाई पटेल इंटरनेशनल स्कूल ऑ.फ टेक्सटाइल्स एंड मैनेजमेंट SARDAR VALLABHBHAI PATEL International School of Textiles & Management Autonomous Institute, Ministry of Textiles, Government of India.

#1483, Avanashi Road, Peelamedu, Coimbatore-641004. Tamil Nadu Landline: 0422-2571675, 2592205 Fax: 0422-2571623 Web: www.svpistm.ac.in

No: SVPISTM/NTTM/2024-25/ dt. . @ Coimbatore the 21-04-2024.

SECTION 1:-

1) NOTIFICATION

SARDAR VALLABHBHAI PATEL INTERNATIONAL SCHOOL OF TEXTILES AND MANAGEMENT, Coimbatore – 641 004 invites sealed tenders from eligible, reputed companies/firms/manufacturers/ OEM/Authorized dealers for the Supply, Installation, and Commissioning TEXTILE AND TECHNICAL TEXTILE LABORATORY MODEL/PROTOTYPE MODEL MACHINERY & INSTRUMENTS DEDICATED TO ACADEMIC ACTIVITIES as per the specification required by the Institute.

The Tender Document can be downloaded from the Institute website

https://www.svpistm.ac.in

Schedule of Dates:-

SI. No	Particulars	Date	Time
1	Date of Publication/Downloading of Tender document	21-04-2024	
2	Pre-bid Conference (Off-line)	13-05-2024	11.00 Hrs.
3	Pre-bid Conference (On-line)	13-05-2024	15.00 Hrs.
4	Last Date for submission of Tender	21-05-2024	14.00 Hrs.
5	Opening of Tender	21-05-2024	14.30 Hrs.
6	Opening of the Financial Part of the Tender	to be intimated in	dividually.
7	Details of the short-listed firms	to be intimated in	dividually

2) ABOUT SVPISTM

Sardar Vallabhbhai Patel International School of Textiles & Management (SVPISTM), Coimbatore, an autonomous educational institution under the Ministry of Textiles, Government of India. SVPISTM was established in 2002, in Coimbatore, Tamil Nadu and is the only institute under the Ministry of Textiles that is approved by AICTE to offer B.Sc and MBA programmes in Textiles, Apparel and Retail. It is a pioneer in the field of Textiles Management that has been providing comprehensive Education, Training, Consultancy and Research in the niche areas of Textiles, Apparel and Retail. SVPISTM is a dynamic institute offering undergraduate and postgraduate programmes in Textiles and Management. The Institute has a close association with various segments of the value chain in Textiles and Management which ensures that management concepts and thoughts are inculcated with practical relevance. The institute has been recognized as the nodal Centre for conducting workshops on Technical Textiles, and skill development programmes by the Govt. of Tamil Nadu.

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Signature of the Bidder

The institute is affiliated with the National Skill Development Corporation (NSDC) as a training partner to impart skill development training programmes. The institute has been undertaking various national-level research studies about the textile industry. The institute provides consultancy services to the organizations of the textile industry in various domains like production efficiency, financial analysis etc. The institute has been conducting Management Development Programs (MDPs) for various Public Sector Undertakings like the Cotton Corporation of India, Department of Handlooms, National Handloom Development Corporation, National Textiles Corporation Ltd., (NTCL) etc. The induction and orientation programs on management areas are delivered by professionals from varied domains.

3) Scope of Work: - Supply, Install, and Commission the following TEXTILE AND TECHNICAL TEXTILE LABORATORY MODEL/PROTOTYPE MODEL MACHINERY & INSTRUMENTS DEDICATED TO ACADEMIC ACTIVITIES in SVPISTM and impart training to staff members.

	Name of the TEXTILE AND TECHNICAL TEXTILE LABORATORY MODEL/PROTOTYPE MODEL
SI. No.	MACHINERY & INSTRUMENTS DEDICATED TO ACADEMIC ACTIVITIES
1	FIBRE OPENING MACHINE
2	CARDING MACHINE
3	DRAW FRAME
4	ROVING MACHINE
5	RING SPINNING
6	ROTOR SPINNING MACHINE
7	TWO-FOR-ONE TWISTING MACHINE
8	WINDING MACHINE
9	YARN EVENNESS TESTER
10	UNIVERSAL TENSILE STRENGTH TESTER
11	TRASH ANALYZER
12	HIGH VOLUME INSTRUMENT
13	BURSTING STRENGTH TESTER
14	IMPACT STRENGTH TESTER
15	ABRASION TESTER
16	SPECTROPHOTOMETER
17	LAB STENTER
18	SCREEN EXPOSURE MACHINE
19	LABORATORY ROTARY PRINTING MACHINE
20	LIGHT FASTNESS TESTER
21	LABORATORY CURING MACHINE FOR PRINTED FABRIC
22	DIGITAL PRINTING MACHINE FOR FABRIC
23	LABORATORY FABRIC STEAMER (LOOP AGER)
24	AUTOMATIC SMOCKING MACHINE
25	MULTI-NEEDLE SINGLE HEAD FLAT EMBROIDERY MACHINE
26	LAB MODEL SUBLIMATION FASTNESS TESTER
27	LAB MODEL SUBLIMATION PRINTER & FUSING MACHINE

Contd...

The Tenderer can quote rate either for the supply of one of Machinery & Instruments or any number of Machinery & Instruments, at his choice.

(It is not compulsory to quote the rate for all the Machinery & Instruments.)

4) The Details of the cost of the TEXTILE AND TECHNICAL TEXTILE LABORATORY MODEL/PROTOTYPE MODEL MACHINERY & INSTRUMENTS DEDICATED TO ACADEMIC ACTIVITIES Laboratory

Machinery & Instruments and EMD Payable are furnished below:-

SL. No.	Name of the TEXTILE AND TECHNICAL TEXTILE LABORATORY MODEL/PROTOTYPE MODEL MACHINERY & INSTRUMENTS DEDICATED TO ACADEMIC ACTIVITIES	Cost (INR)	EMD (INR)
1	FIBRE OPENING MACHINE	2,35,000	4,700
2	CARDING MACHINE	6,35,000	12,700
3	DRAW FRAME	6,00,000	12,000
4	ROVING MACHINE	6,35,000	12,700
5	ring spinning	6,35,000	12,700
6	ROTOR SPINNING MACHINE	6,35,000	12,700
7	TWO-FOR-ONE TWISTING MACHINE	6,35,000	12.700
8	WINDING MACHINE	2,50,000	5,000
9	YARN EVENNESS TESTER	40,00,000	80,000
10	UNIVERSAL TENSILE STRENGTH TESTER	7,50,000	15,000
11	TRASH ANALYZER	3,00,000	6,000
12	HIGH VOLUME INSTRUMENT	37,00,000	74,000
13	BURSTING STRENGTH TESTER	4,00,000	8,000
14	IMPACT STRENGTH TESTER	1,00,000	2,000
15	ABRASION TESTER	2,00,000	4,000
16	SPECTROPHOTOMETER	12,00,000	24,000
17	LAB STENTER	3,85,000	7,700
18	SCREEN EXPOSURE MACHINE	1,50,000	3,000
19	LABORATORY ROTARY PRINTING MACHINE	20,00,000	40,000
20	LIGHT FASTNESS TESTER	1,85,000	3,700
21	LABORATORY CURING MACHINE FOR PRINTED FABRIC	1,50,000	3,000
22	DIGITAL PRINTING MACHINE FOR FABRIC	40,00,000	80,000
23	LABORATORY FABRIC STEAMER (LOOP AGER)	9,00,000	18,000
24	AUTOMATIC SMOCKING MACHINE	2,50,000	5,000
25	MULTI-NEEDLE SINGLE HEAD FLAT EMBROIDERY MACHINE	3,25,000	6,,500
26	LAB MODEL SUBLIMATION FASTNESS TESTER	90,000	1,800
27	LAB MODEL SUBLIMATION PRINTER & FUSING MACHINE	1,00,000	2,000

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5) GENERAL INSTRUCTIONS:-

The tenderers should read carefully and understand all the conditions for the contract, schedule of quantities, specifications etc. attached with the tender document before actually quoting for the work. Any lapse may lead to:

- > Rejection of the tender and/or
- > Forfeiture of your earnest money / and or
- Recession / Termination of the contract and execution of balance work at the riskand cost of the defaulting contractor,
- > Debarring from future tenders.
- a) The time allowed for the supply of TEXTILE AND TECHNICAL TEXTILE LABORATORY MODEL/PROTOTYPE MODEL MACHINERY & INSTRUMENTS DEDICATED TO ACADEMIC ACTIVITIES will be 60 days from the date of issue of the purchase order.
- b) Applicants should have the minimum qualification criteria as per the technical bid Qualifying Criteria.
- c) Bidders should submit the non-refundable cost of the application form of Rs. 590/- and a refundable Earnest Money Deposit (EMD) along with the Tender documents.
- d) The Tenderer can quote rate either for the supply of one Machinery & Instruments or any number of Machinery & Instruments, at his choice. In such cases, the EMD applicable to the respective Machinery & Instruments has to be remitted.

For example,

if the tenderer is willing to quote rate for the Machinery & Instruments at sl. no: 1 the EMD will be Rs. 4,700/-

If the tenderer is willing to quote rate for the Machinery & Instruments at sl. no: 1 and 2 the EMD will be Rs. 17,400/- (4,700/- +12,700)

If the tenderer is willing to quote rate for the Machinery & Instruments at sl. no: 1,2 and 4 the EMD will be Rs. 29,400/- (4,700/- + 12,700/- + 12,000) and so on

- e) A pre-bid conference will be held on 13-05-2024 at 11:00 Hrs (offline), and 15.00 Hrs (online) to address any clarifications from prospective bidders.
- f) The last date of submission of tender is 21-05-2024 up to 2:00 PM.

6) Technical Specification of the proposed purchase of Textile AND TECHNICAL TEXTILE LABORATORY MODEL/PROTOTYPE MODEL MACHINERY & INSTRUMENTS DEDICATED TO ACADEMIC ACTIVITIES.

S.No.	Name of the TEXTILE AND TECHNICAL TEXTILE LABORATORY MODEL/PROTOTYPE MODEL MACHINERY & INSTRUMENTS DEDICATED TO ACADEMIC ACTIVITIES.	Specification
1	FIBRE OPENING MACHINE	 It has to process various natural, and synthetic fibres and their blends. Working Width: 230 – 270 mm Opening roller, under casing, take-up drum Individual AC variable speed motors with the provision of varying speeds of feed & opening rollers with motor Electricals, Control Systems & Other Accessories
2	CARDING MACHINE	 It has to process various natural, synthetic fibres and their blends. Working Width: 230 – 270 mm 230 – 270 mm Cylinder, doffer, feed roller, opening roller, stripping roller, crush roller, under casing, take up drum Trumpet Individual AC variable speed motors with the provision of varying speeds of feed roller, Cylinder and doffer Motors, Electricals, Control systems & Other Accessories
3	DRAW FRAME	 It has to process various natural, synthetic fibres and their blends. 3/3 or 4/4 drafting arrangements to process the slivers from the miniature carding machine Individual AC variable speed motors with control systems to vary the speeds of the Front roller and Back roller Motors, Invertors, Electrical, RPM indicators, Potentiometers, control systems & other accessories
4	ROVING MACHINE	 It has to process various natural, synthetic fibres and their blends. Computer-controlled one-sided miniature 2 - 4 spindles, 90 - 120 mm gauge, 230 – 270 mm lift 3/3 spring loaded 1500 drafting system, Draft up to 12 Individual AC variable speed motor with the microprocessor control system to control the speeds of front roller, back roller, spindles and bobbins User-friendly software to optimise parameters PLC, Electricals, Computer & Other Accessories

	1	
5	RING SPINNING	 It has to process various natural, synthetic fibres and their blends. Computer-controlled miniature having 4 - 6 spindles, 70 - 80 mm gauge, 38 mm ring dia, 180 mm lift 3/3 spring-loaded drafting system with short cradles for processing fibres up to 38 mm with compact, Slub, Multi count, Multi Twist, Core yarn attachment Individual AC variable motors to control the speeds of the front roller, middle and back roller and spindle Provision for making S&Z Twist User-friendly Software to optimise parameters Motors, control systems, PLC, Touch Screen & Other accessories.
6	ROTOR SPINNING MACHINE	 Computer controlled single sided lab model 4 - 6 rotors. 230 - 250 mm gauge, 38 - 43 mm rotor diameter with opening rollers and Navels Automatic indicators, quick response sensors to monitor yarn continuity & feeding sliver, Trash separator and discharge tunnel for better cleaning Feeding can size of 14 by 42" Take up package size of 150 by 250 mm Individual AC variable speed motors with user-friendly menu-driven software to optimise parameters Motors, PLC, Touch screen, UPS, Electrical, Control systems & other accessories.
7	TWO-FOR-ONE TWISTING MACHINE	 Computer controlled single sided lab model 4 - 6 spindle, 230 – 250 mm gauge, 150 mm pot dia Suitable for cheese wound feed package size of 170 mm traverse to twist 2/8 to 2/80Ne having a twist range of 3 to 45 tpi Delivery package size of 152 mm traverse by 250 mm dia cheese with tangential belt drive with for S&Z twist Individual AC variable speed motors with control systems to control the speeds of the spindle and take-up roller User-friendly software to optimise parameters Motors, Electrical, PLC, computer, UPS, control systems and other accessories.
8	WINDING MACHINE	 Micro Processor based lab model 4 – 6 drums, 6" traverse with welded box-type frame Individual motor drive system with inverters to control the speed of the drums, adapters suitable for cheese & 3.30 degree cones Tension device with adjustable disc weights with electronic ribbon breaker Motors, Invertors, Electrical, control systems & other accessories

9	YARN EVENNESS TESTER	 Measuring range: 4 tex to 12 Ktex Testing range: 4 to 400 m/min Variation-length curve: Cut length: 0.01 m - 1000m Evaluation time: 0.5 to 50 min. Imperfects: 12 kinds of imperfects simultaneously Thin: -30%, -40%, -50%, -60% Thick: +35%, +50%, +70%, +100% Neps: +140%, +200%, +280%, +400% Capacity: 250 kg / 500 lbs Jaw separation: up to 600 mm
10	UNIVERSAL TENSILE STRENGTH TESTER	 Rate of Extension: 50 to 500 mm/min. Control system: computer-based Different Modules – Tear test, seam slippage, peel bond strength, button/ snap pull, zipper strength, fabric stretch and recovery, tenacity test modules
11	TRASH ANALYZER	 Measuring principle: Gravimetric/Buoyancy separation with Air Current principle Capacity / Sample size: 100 grams per test. Micro-dust filtering Stages: Coarse - 300 microns; Fine - 100 microns Control system: Latest ARM controller-based ICM hardware Power supply: Single Phase 220vAC @ 50Hz
12	HIGH VOLUME INSTRUMENT	 Length – optical principle; Result - 2.5% & 50% SL, UHML, ML (all in inch/mm), UR, UI, SFI Strength – CRE principle; Result - Bundle Strength in g/tex and Elongation in % Fineness – Air flow principle; Result – Micronaire and Maturity Ratio MR % Moisture – Electrical Conductance; Result – Moisture in % Color – Optical principle; Reflectance Rd % Degree of Yellowness +b Trash – Optical; Result - Trash Count, Trash Area %
13	BURSTING STRENGTH TESTER	 Type: Digital Capacity: 0.5 to 70 kg/cm2 (7.0 to 1000 psi) Range: 2.5 to 70 kg/cm2 (35 to 1000 psi) with Standard Diaphragm 0.5 to 10 kg/cm2 (7.0 to 140 psi) with Thin Diaphragm Readability: 0.01 kg/cm2 – Below 10 kg/cm2 0.1 kg/cm2 – Above 10 kg/cm2 Display: Digital Alpha-numeric LCD display Clamp opening: 30.0 mm Throat depth: 100 mm

Test flameter: a 30.5 mm Test fluid: Glycerin; Filling capacity: 95 ml Test fluid: Glycerin; Filling capacity: 95 ml Test fluid: Glycerin; Filling capacity: 95 ml Test Specimen size: 100 x 100 mm (minimum) Hydraulic flow rate: 95 ± 5 ml/min Automatic / 5 emi-Automatic Capacity: 27 Joules Material: Mild steel and Aluminum Accuracy: 0.01 J/m Impact energy: 21 – 301 Capacity: One to Four specimens at a time Measuring range: 99999 times (Continuous cycle) Working pressure: 3 kPa to 12 kPa The rotational speed of outer pegs: 50 rpm Total Stroke of outer and inner pegs: 1) 60 mm (Abrasion) Measurement Principle: Dual Beam Measurement Trinciple: Dual Beam Measurement time: 2 seconds Wavelength: 400 to 700 nm Light Source: Pulsed Xenon Wavelength Interval: 10 nm Photometric Range: 0% to 200 % Wavelength Accuracy: 0.1 nm (Average) Large area view (IAV): 25 mm Diameter Small area view (SAV): 12 mm Diameter Small area view (SAV): 12 mm Diameter Very small area view (SAV): 3 mm Diameter Very			
Test Specimen size : 100 x 100 mm (minimum) Hydraulic flow rate: 95 ± 5 ml/min Automatic / Semi-Automatic Capacity: 27 Joules Material: Mild steel and Aluminum Accuracy: 0.01 1/m Impact energy: 21 – 30J ABRASION TESTER ABRASION TESTER Measuring range: 99999 times (Continuous cycle) Working pressure : 3 kPa to 12 kPa The rotational speed of outer pegs: 50 rpm Total Stroke of outer and inner pegs : 1) 60 mm (Abrasion) Measurement Principle: Dual Beam Measurement time: 2 seconds Wavelength: 400 to 700 nm Light Source: Pulsed Xenon Wavelength: 400 to 700 nm Light Source: Pulsed Xenon Wavelength Accuracy: 0.1 nm (Average) Large area view (LAV): 25 mm Diameter Small area view (SAV): 12 mm Diameter Small area view (SAV): 12 mm Diameter Very small area view (VSAV): 3 mm Diameter Working width: 450 X 350 MM Overall dimension: 700(W)X 1300(L)X 800(H) MM Working temp: Max 220 C. Timer control: 10 SEC -99 MIN Power supply: 415, 3 Phase, 50HZ, Power consumption: 4.5 KW LAB STENTER LAB STENTER LAB SCREEN EXPOSURE MACHINE With Digital Panel, from 1 Kw to 3 Kw Power: 220 V, Single phase Size: 15" x 20" to 30" x 40" Width: 1200mm to 2400mm Speed: Min 50 meters per minute Colour pump type: Automatic Wore, Knitted and Nonwoven) Light source: Mercury blinded tungsten lamp 500 W			Test diameter : ø 30.5 mm
Hydraulic flow rate: 95 ± 5 ml/min Automatic / Semi-Automatic Capacity: 27 Joules Material: Mild steel and Aluminum Accuracy: 0.01 J/m Impact energy: 2J – 30J Capacity: One to Four specimens at a time Measuring range: 99999 times (Continuous cycle) Working pressure: 3 kPa to 12 kPa The rotational speed of outer pegs: 50 rpm Total Stroke of outer and inner pegs: 1) 60 mm (Abrasion) Measurement Principle: Dual Beam Measurement Principle: Dual Beam Measurement time: 2 seconds Wavelength: 400 to 700 nm Light Source: Pulsed Xenon Wavelength Interval: 10 nm Photometric Range: 0% to 200 % Wavelength Accuracy: 0.1 nm (Average) Large area view (LAV): 25 mm Diameter Small area view (SAV): 12 mm Diameter Very small area view (SAV): 12 mm Diameter Very small area view (SAV): 3 mm Diameter Very small area view (SAV): 3 mm Diameter Very small area view (SAV): 10 sm Diameter Very smal			Test fluid: Glycerin; Filling capacity: 95 ml
Automatic / Semi-Automatic Capacity: 27 Joules Material: Mild steel and Aluminum Accuracy: 0.0 1 J/m Impact energy: 21 – 30J Capacity: One to Four specimens at a time Measuring range: 99999 times (Continuous cycle) Working pressure: 3 kPa to 12 kPa The rotational speed of outer pegs: 1) 60 mm (Abrasion) Measurement Principle: Dual Beam Measurement trime: 2 seconds Wavelength: 400 to 700 nm Light Source: Pulsed Xenon Wavelength Interval: 10 nm Photometric Range: 0% to 200 % Wavelength Accuracy: 0.1 nm (Average) Large area view (LAV): 25 mm Diameter Small area view (SAV): 12 mm Diameter Very small area view (VSAV): 12 mm Diameter Very small area view (VSAV): 3 mm Diameter Working width: 450 x 350 MM Overall dimension: 700(W)X 1300(L)X 800(H) MM Working temp: Max 220 C. Timer control: 10 SEC -99 MIN Power supply: 415, 3 Phase, 50HZ, Power consumption: 4.5 KW UV Tube with electronic ballast Automatic electrical control 18 SCREEN EXPOSURE MACHINE Width: 1200mm to 2400mm Speed: Min 50 meters per minute Colour pump type: Automatic Width: 1200mm to 2400mm Speed: Min 50 meters per minute Colour pump type: Automatic Wigth: 1200mm to 2400mm Speed: Min 50 meters per minute Colour pump type: Automatic UV Tube with electronic ballast Automatic electrical control UV Tube with electronic ballast Automatic electrical control UV Tube with vigital Panel, from 1 Kw to 3 Kw Power: 220 V, Single phase Size: 15" x 20" to 30" x 40" Width: 1200mm to 2400mm Speed: Min 50 meters per minute Colour pump type: Automatic UV Tube with electronic ballast Automatic UV Tube with electronic ballast Automatic electrical control UV Tube with electronic ballast Automatic electrical cont			Test Specimen size : 100 x 100 mm (minimum)
- Capacity: 27 Joules - Material: Mild steel and Aluminum - Accuracy: 0.01 J/m - Impact energy: 2J – 30J - Capacity: One to Four specimens at a time - Measuring range: 99999 times (Continuous cycle) - Working pressure: 3 kPa to 12 kPa - The rotational speed of outer pegs: 50 rpm - Total Stroke of outer and inner pegs: 1) 60 mm (Abrasion) - Measurement Principle: Dual Beam - Measurement Principle: Dual Beam - Measurement time: 2 seconds - Wavelength: 400 to 700 nm - Light Source: Pulsed Xenon - Wavelength Interval: 10 nm - Photometric Range: 0% to 200 % - Wavelength Accuracy: 0.1 nm (Average) - Large area view (LAV): 25 mm Diameter - Small area view (VSAV): 12 mm Diameter - Very small area view (VSAV): 3 mm Diameter - Very small are			Hydraulic flow rate: 95 ± 5 ml/min
MATERIAL: Mild steel and Aluminum			Automatic / Semi-Automatic
Accuracy: 0.01 J/m Impact energy: 2J = 30J Capacity: One to Four specimens at a time Measuring range: 999999 times (Continuous cycle) Working pressure: 3 kPa to 12 kPa The rotational speed of outer pegs: 50 rpm Total Stroke of outer and inner pegs: 1) 60 mm (Abrasion) Measurement Principle: Dual Beam Measurement time: 2 seconds Wavelength: 400 to 700 nm Light Source: Pulsed Xenon Wavelength: 400 to 700 nm Light Source: Pulsed Xenon Wavelength Interval: 10 nm Photometric Range: 0% to 200 % Wavelength Accuracy: 0.1 nm (Average) Large area view (IAV): 25 mm Diameter Small area view (IAV): 25 mm Diameter Working width: 450 X 350 MM Overall dimension: 700(W)X 1300(L)X 800(H) MM Working temp: Max 220 C. Timer control: 10 SEC -99 MIN Power supply: 415, 3 Phase, 50HZ, Power consumption: 4.5 kW UV Tube with electronic ballast Automatic electrical control with Digital Panel, from 1 kw to 3 kw Power: 220 V, Single phase Size: 15" x 20" to 30" x 40" Width: 1200mm to 2400mm Speed: Min 50 meters per minute Colour pump type: Automatic Worven, Knitted and Nonwoven) Light source: Mercury blinded tungsten lamp 500 W			Capacity: 27 Joules
Impact energy: 2J – 30J	14	IMPACT STRENGTH TESTER	Material: Mild steel and Aluminum
ABRASION TESTER Capacity: One to Four specimens at a time Measuring range: 99999 times (Continuous cycle) Working pressure : 3 kPa to 12 kPa The rotational speed of outer pegs: 50 rpm Total Stroke of outer and inner pegs: 1) 60 mm (Abrasion) Measurement Principle: Dual Beam Measurement time: 2 seconds Wavelength: 400 to 700 nm Light Source: Pulsed Xenon Wavelength Interval: 10 nm Photometric Range: 0% to 200 % Wavelength Accuracy: 0.1 nm (Average) Large area view (LAV): 25 mm Diameter Small area view (SAV): 12 mm Diameter Very small area view (VSAV): 3 mm Diameter Working width: 450 X 350 MM Overall dimension: 700(W)X 1300(L)X 800(H) MM Working temp: Max 220 C. Timer control: 10 SEC -99 MIN Power supply: 415, 3 Phase, 50HZ, Power consumption: 4.5 kW UV Tube with electronic ballast Automatic electrical control with Digital Panel, from 1 kw to 3 kw Power: 220 V, Single phase Size: 15" x 20" to 30" x 40" Width: 1200mm to 2400mm Speed: Min 50 meters per minute Colour pump type: Automatic Worked and Nonwoven) Light FASTNESS TESTER LIGHT FASTNESS TESTER LIGHT FASTNESS TESTER			Accuracy: 0.01 J/m
Measuring range: 99999 times (Continuous cycle) Working pressure: 3 kPa to 12 kPa The rotational speed of outer pegs: 50 rpm Total Stroke of outer and inner pegs: 1) 60 mm (Abrasion) Measurement Principle: Dual Beam Measurement time: 2 seconds Wavelength: 400 to 700 nm Light Source: Pulsed Xenon Wavelength: 400 to 700 mm Light Source: Pulsed Xenon Wavelength Interval: 10 nm Photometric Range: 0% to 200 % Wavelength Accuracy: 0.1 nm (Average) Large area view (LAV): 25 mm Diameter Small area view (SAV): 12 mm Diameter Very small area view (VSAV): 3 mm Diameter Very small area view (SAV): 10 pm Diameter Very small area view (VSAV): 3 mm Diameter Very small area view (SAV): 10 pm Diameter V			• Impact energy: 2J – 30J
ABRASION TESTER Working pressure : 3 kPa to 12 kPa The rotational speed of outer pegs: 50 rpm Total Stroke of outer and inner pegs : 1) 60 mm (Abrasion) Measurement Principle: Dual Beam Measurement time: 2 seconds Wavelength: 400 to 700 nm Light Source: Pulsed Xenon Wavelength Interval: 10 nm Photometric Range: 0% to 200 % Wavelength Accuracy: 0.1 nm (Average) Large area view (LAV): 25 mm Diameter Small area view (SAV): 12 mm Diameter Very small area view (SAV): 3 mm Diameter Very small area view (SAV): 3 mm Diameter Working width: 450 X 350 MM Overall dimension: 700(W)X 1300(L)X 800(H) MM Working temp: Max 220 C. Timer control: 10 SEC -99 MIN Power supply: 415, 3 Phase, 50Hz, Power consumption: 4.5 kW UV Tube with electronic ballast Automatic electrical control with Digital Panel, from 1 kw to 3 kw Power: 220 V, Single phase Size: 15" x 20" to 30" x 40" Width: 1200mm to 2400mm Speed: Min 50 meters per minute Colour pump type: Automatic Suitability for: Cotton, Viscose, Polyester and synthetic (Woven, Knitted and Nonwoven) Light source: Mercury blinded tungsten lamp 500 W			Capacity: One to Four specimens at a time
The rotational speed of outer pegs: 50 rpm Total Stroke of outer and inner pegs: 1) 60 mm (Abrasion) Measurement Principle: Dual Beam Measurement time: 2 seconds Wavelength: 400 to 700 nm Light Source: Pulsed Xenon Wavelength Interval: 10 nm Photometric Range: 0% to 200 % Wavelength Accuracy: 0.1 nm (Average) Large area view (LAV): 25 mm Diameter Small area view (SAV): 12 mm Diameter Very small area view (VSAV): 3 mm Diameter Working width: 450 X 350 MM Overall dimension: 700(W)X 1300(L)X 800(H) MM Working temp: Max 220 C. Timer control: 10 SEC -99 MIN Power supply: 415, 3 Phase, 50HZ, Power consumption: 4.5 KW UV Tube with electronic ballast Automatic electrical control with Digital Panel, from 1 Kw to 3 Kw Power: 220 V, Single phase Size: 15" x 20" to 30" x 40" Width: 1200mm to 2400mm Speed: Min 50 meters per minute Colour pump type: Automatic Suitability for: Cotton, Viscose, Polyester and synthetic (Woven, Knitted and Nonwoven) Light source: Mercury blinded tungsten lamp 500 W			Measuring range: 99999 times (Continuous cycle)
Total Stroke of outer and inner pegs: 1) 60 mm (Abrasion) Measurement Principle: Dual Beam Measurement time: 2 seconds Wavelength: 400 to 700 nm Light Source: Pulsed Xenon Wavelength Interval: 10 nm Photometric Range: 0% to 200 % Wavelength Interval: 10 nm (Average) Large area view (LAV): 25 mm Diameter Small area view (SAV): 12 mm Diameter Very small area view (VSAV): 3 mm Diameter Working width: 450 X 350 MM Overall dimension: 700(W)X 1300(L)X 800(H) MM Working temp: Max 220 C. Timer control: 10 SEC -99 MIN Power supply: 415, 3 Phase, 50HZ, Power consumption: 4.5 KW UV Tube with electronic ballast Automatic electrical control with Digital Panel, from 1 Kw to 3 Kw Power: 220 V, Single phase Size: 15" x 20" to 30" x 40" Width: 1200mm to 2400mm Speed: Min 50 meters per minute Colour pump type: Automatic Suitability for: Cotton, Viscose, Polyester and synthetic (Woven, Knitted and Nonwoven) Light Source: Mercury blinded tungsten lamp 500 W	15	ABRASION TESTER	Working pressure : 3 kPa to 12 kPa
Measurement Principle: Dual Beam Measurement time: 2 seconds Wavelength: 400 to 700 nm Light Source: Pulsed Xenon Wavelength Interval: 10 nm Photometric Range: 0% to 200 % Wavelength Accuracy: 0.1 nm (Average) Large area view (LAV): 25 mm Diameter Small area view (SAV): 12 mm Diameter Very small area view (VSAV): 3 mm Diameter Working width: 450 X 350 MM Overall dimension: 700(W)X 1300(L)X 800(H) MM Working temp: Max 220 C. Timer control: 10 SEC -99 MIN Power supply: 415, 3 Phase, 50HZ, Power consumption: 4.5 KW UV Tube with electronic ballast Automatic electrical control Width: 1200mm to 2400mm Speed: Min 50 meters per minute Colour pump type: Automatic Suitability for: Cotton, Viscose, Polyester and synthetic (Woven, Knitted and Nonwoven) LIGHT FASTNESS TESTER			The rotational speed of outer pegs: 50 rpm
Measurement time: 2 seconds Wavelength: 400 to 700 nm Light Source: Pulsed Xenon Wavelength Interval: 10 nm Photometric Range: 0% to 200 % Wavelength Accuracy: 0.1 nm (Average) Large area view (LAV): 25 mm Diameter Small area view (SAV): 12 mm Diameter Very small area view (VSAV): 3 mm Diameter Very small area view (VSAV): 3 mm Diameter Very small dimension: 700(W)X 1300(L)X 800(H) MM Overall dimension: 700(W)X 1300(L)X 800(H) MM Working temp: Max 220 C. Timer control: 10 SEC -99 MIN Power supply: 415, 3 Phase, 50HZ, Power consumption: 4.5 KW VUY Tube with electronic ballast Automatic electrical control with Digital Panel, from 1 Kw to 3 Kw Power: 220 V, Single phase Size: 15" x 20" to 30" x 40" Width: 1200mm to 2400mm Speed: Min 50 meters per minute Colour pump type: Automatic Suitability for: Cotton, Viscose, Polyester and synthetic (Woven, Knitted and Nonwoven) LIGHT FASTNESS TESTER Measurement time: 2 seconds Wavelength: 400 to 700 nm Wavelength Interval: 10 nm Wavelength Interval Interval Interval: 10 nm Wavelen			Total Stroke of outer and inner pegs: 1) 60 mm (Abrasion)
Measurement time: 2 seconds Wavelength: 400 to 700 nm Light Source: Pulsed Xenon Wavelength Interval: 10 nm Photometric Range: 0% to 200 % Wavelength Accuracy: 0.1 nm (Average) Large area view (LAV): 25 mm Diameter Small area view (SAV): 12 mm Diameter Very small area view (VSAV): 3 mm Diameter Very small area view (VSAV): 3 mm Diameter Very small dimension: 700(W)X 1300(L)X 800(H) MM Overall dimension: 700(W)X 1300(L)X 800(H) MM Working temp: Max 220 C. Timer control: 10 SEC -99 MIN Power supply: 415, 3 Phase, 50HZ, Power consumption: 4.5 KW VUY Tube with electronic ballast Automatic electrical control with Digital Panel, from 1 Kw to 3 Kw Power: 220 V, Single phase Size: 15" x 20" to 30" x 40" Width: 1200mm to 2400mm Speed: Min 50 meters per minute Colour pump type: Automatic Suitability for: Cotton, Viscose, Polyester and synthetic (Woven, Knitted and Nonwoven) LIGHT FASTNESS TESTER Measurement time: 2 seconds Wavelength: 400 to 700 nm Wavelength Interval: 10 nm Wavelength Interval Interval Interval: 10 nm Wavelen			Measurement Principle: Dual Beam
Light Source: Pulsed Xenon			Measurement time: 2 seconds
*** Wavelength Interval: 10 nm *** Photometric Range : 0% to 200 % *** Wavelength Accuracy: 0.1 nm (Average) *** Large area view (LAV): 25 mm Diameter *** Small area view (SAV) : 12 mm Diameter *** Very small area view (VSAV) : 3 mm Diameter *** Very small area view (VSAV) : 3 mm Diameter *** Working width : 450 X 350 MM *** Overall dimension: 700(W)X 1300(L)X 800(H) MM *** Working temp: Max 220 C. *** Timer control: 10 SEC -99 MIN *** Power supply: 415, 3 Phase, 50HZ, Power consumption: 4.5 KW *** Power consumption: 4.5 KW *** UV Tube with electronic ballast Automatic electrical control *** with Digital Panel, from 1 Kw to 3 Kw *** Power: 220 V, Single phase *** Size: 15" x 20" to 30" x 40" *** Width: 1200mm to 2400mm *** Speed: Min 50 meters per minute *** Colour pump type: Automatic *** Suitability for: Cotton, Viscose, Polyester and synthetic (Woven, Knitted and Nonwoven) *** Light source: Mercury blinded tungsten lamp 500 W			Wavelength: 400 to 700 nm
Photometric Range: 0% to 200 % Wavelength Accuracy: 0.1 nm (Average) Large area view (LAV): 25 mm Diameter Small area view (SAV): 12 mm Diameter Very small area view (VSAV): 3 mm Diameter Working width: 450 X 350 MM Overall dimension: 700(W)X 1300(L)X 800(H) MM Working temp: Max 220 C. Timer control: 10 SEC -99 MIN Power supply: 415, 3 Phase, 50HZ, Power consumption: 4.5 KW UV Tube with electronic ballast Automatic electrical control with Digital Panel, from 1 Kw to 3 Kw Power: 220 V, Single phase Size: 15" x 20" to 30" x 40" Width: 1200mm to 2400mm Speed: Min 50 meters per minute Colour pump type: Automatic Suitability for: Cotton, Viscose, Polyester and synthetic (Woven, Knitted and Nonwoven) Light FASTNESS TESTER			Light Source: Pulsed Xenon
Photometric Range: 0% to 200 % Wavelength Accuracy: 0.1 nm (Average) Large area view (LAV): 25 mm Diameter Small area view (VSAV): 12 mm Diameter Very small area view (VSAV): 3 mm Diameter Working width: 450 X 350 MM Overall dimension: 700(W)X 1300(L)X 800(H) MM Working temp: Max 220 C. Timer control: 10 SEC -99 MIN Power supply: 415, 3 Phase, 50HZ, Power consumption: 4.5 KW UV Tube with electronic ballast Automatic electrical control With Digital Panel, from 1 Kw to 3 Kw Power: 220 V, Single phase Size: 15" x 20" to 30" x 40" Width: 1200mm to 2400mm Speed: Min 50 meters per minute Colour pump type: Automatic Suitability for: Cotton, Viscose, Polyester and synthetic (Woven, Knitted and Nonwoven) Light FASTNESS TESTER Photometric Range: 0% to 200 % Width: 1200mm to 2400mm Speed: Min 50 meters per minute Colour pump type: Automatic Suitability for: Cotton, Viscose, Polyester and synthetic (Woven, Knitted and Nonwoven)	1.0	SPECTROPHOTOMETER	Wavelength Interval: 10 nm
Lab Stenter Lab S	16		Photometric Range : 0% to 200 %
Small area view (SAV): 12 mm Diameter Very small area view (VSAV): 3 mm Diameter Working width: 450 X 350 MM Overall dimension: 700(W)X 1300(L)X 800(H) MM Working temp: Max 220 C. Timer control: 10 SEC -99 MIN Power supply: 415, 3 Phase, 50HZ, Power consumption: 4.5 KW UV Tube with electronic ballast Automatic electrical control with Digital Panel, from 1 Kw to 3 Kw Power: 220 V, Single phase Size: 15" x 20" to 30" x 40" Width: 1200mm to 2400mm Speed: Min 50 meters per minute Colour pump type: Automatic Suitability for: Cotton, Viscose, Polyester and synthetic (Woven, Knitted and Nonwoven) Light source: Mercury blinded tungsten lamp 500 W			Wavelength Accuracy: 0.1 nm (Average)
Very small area view (VSAV): 3 mm Diameter Working width: 450 X 350 MM Overall dimension: 700(W)X 1300(L)X 800(H) MM Working temp: Max 220 C. Timer control: 10 SEC -99 MIN Power supply: 415, 3 Phase, 50HZ, Power consumption: 4.5 KW UV Tube with electronic ballast Automatic electrical control with Digital Panel, from 1 Kw to 3 Kw Power: 220 V, Single phase Size: 15" x 20" to 30" x 40" Width: 1200mm to 2400mm Speed: Min 50 meters per minute Colour pump type: Automatic Suitability for: Cotton, Viscose, Polyester and synthetic (Woven, Knitted and Nonwoven) LIGHT EASTNESS TESTER Very small area view (VSAV): 3 mm Diameter Working width: 450 X 350 MM Overall dimension: 700(W)X 1300(L)X 800(H) MM Working temp: Max 220 C. Timer control: 10 SEC -99 MIN Vorking temp: Max 220 C. Timer control: 10 SEC -99 MIN Vorking temp: Max 220 C. Timer control: 10 SEC -99 MIN Vorking temp: Max 220 C. Timer control: 10 SEC -99 MIN Vorking temp: Max 220 C. Timer control: 10 SEC -99 MIN Vorking temp: Max 220 C. Timer control: 10 SEC -99 MIN Vorking temp: Max 220 C. Timer control: 10 SEC -99 MIN Vorking temp: Max 220 C. Timer control: 10 SEC -99 MIN Vorking temp: Max 220 C. Timer control: 10 SEC -99 MIN Vorking temp: Max 220 C. Timer control: 10 SEC -99 MIN Vorking temp: Max 220 C. Timer control: 10 SEC -99 MIN Vorking temp: Max 220 C. Timer control: 10 SEC -99 MIN Vorking temp: Max 220 C. Timer control: 10 SEC -99 MIN Vorking temp: Max 220 C. Timer control: 10 SEC -99 MIN Vorking temp: Max 220 C. Timer control: 10 SEC -99 MIN Vorking temp: Max 220 C. Timer control: 10 SEC -99 MIN Vorking temp: Max 220 C. Timer control: 10 SEC -99 MIN Vorking temp: Max 220 C. Vorking temp: Max			Large area view (LAV): 25 mm Diameter
Working width: 450 X 350 MM Overall dimension: 700(W)X 1300(L)X 800(H) MM Working temp: Max 220 C. Timer control: 10 SEC -99 MIN Power supply: 415, 3 Phase, 50HZ, Power consumption: 4.5 KW UV Tube with electronic ballast Automatic electrical control with Digital Panel, from 1 Kw to 3 Kw Power: 220 V, Single phase Size: 15" x 20" to 30" x 40" Width: 1200mm to 2400mm Speed: Min 50 meters per minute Colour pump type: Automatic Suitability for: Cotton, Viscose, Polyester and synthetic (Woven, Knitted and Nonwoven) Light source: Mercury blinded tungsten lamp 500 W			Small area view (SAV) : 12 mm Diameter
Overall dimension: 700(W)X 1300(L)X 800(H) MM Working temp: Max 220 C. Timer control: 10 SEC -99 MIN Power supply: 415, 3 Phase, 50HZ, Power consumption: 4.5 KW UV Tube with electronic ballast Automatic electrical control with Digital Panel, from 1 Kw to 3 Kw Power: 220 V, Single phase Size: 15" x 20" to 30" x 40" Width: 1200mm to 2400mm Speed: Min 50 meters per minute Colour pump type: Automatic Suitability for: Cotton, Viscose, Polyester and synthetic (Woven, Knitted and Nonwoven) LIGHT FASTNESS TESTER Overall dimension: 700(W)X 1300(L)X 800(H) MM Working temp: Max 220 C. Timer control: 10 SEC -99 MIN Note of the control of the			 Very small area view (VSAV) : 3 mm Diameter
LAB STENTER Working temp: Max 220 C. Timer control: 10 SEC -99 MIN Power supply: 415, 3 Phase, 50HZ, Power consumption: 4.5 KW UV Tube with electronic ballast Automatic electrical control with Digital Panel, from 1 Kw to 3 Kw Power: 220 V, Single phase Size: 15" x 20" to 30" x 40" Width: 1200mm to 2400mm Speed: Min 50 meters per minute Colour pump type: Automatic Suitability for: Cotton, Viscose, Polyester and synthetic (Woven, Knitted and Nonwoven) UIGHT FASTNESS TESTER Working temp: Max 220 C. Timer control: 10 SEC -99 MIN Power supply: 415, 3 Phase, 50HZ, Width electronic ballast Automatic electrical control with Digital Panel, from 1 Kw to 3 Kw Power: 220 V, Single phase Size: 15" x 20" to 30" x 40" Width: 1200mm to 2400mm Speed: Min 50 meters per minute Colour pump type: Automatic Suitability for: Cotton, Viscose, Polyester and synthetic (Woven, Knitted and Nonwoven) Light source: Mercury blinded tungsten lamp 500 W			Working width: 450 X 350 MM
Timer control: 10 SEC -99 MIN Power supply: 415, 3 Phase, 50HZ, Power consumption: 4.5 KW UV Tube with electronic ballast Automatic electrical control with Digital Panel, from 1 Kw to 3 Kw Power: 220 V, Single phase Size: 15" x 20" to 30" x 40" Width: 1200mm to 2400mm Speed: Min 50 meters per minute Colour pump type: Automatic Suitability for: Cotton, Viscose, Polyester and synthetic (Woven, Knitted and Nonwoven) IIGHT FASTNESS TESTER Timer control: 10 SEC -99 MIN Note: 415, 3 Phase, 50HZ, Note: 45 KW Width: 1200mm 1 Kw to 3 Kw Note: 40" Width: 1200mm to 2400mm Speed: Min 50 meters per minute Colour pump type: Automatic Suitability for: Cotton, Viscose, Polyester and synthetic (Woven, Knitted and Nonwoven)			 Overall dimension: 700(W)X 1300(L)X 800(H) MM
Timer control: 10 SEC -99 MIN Power supply: 415, 3 Phase, 50HZ, Power consumption: 4.5 KW UV Tube with electronic ballast Automatic electrical control with Digital Panel, from 1 Kw to 3 Kw Power: 220 V, Single phase Size: 15" x 20" to 30" x 40" Width: 1200mm to 2400mm Speed: Min 50 meters per minute Colour pump type: Automatic Suitability for: Cotton, Viscose, Polyester and synthetic (Woven, Knitted and Nonwoven) Publications of the provided Highly Suitability for: Cotton, Viscose, Polyester and synthetic (Woven, Knitted and Nonwoven) Light source: Mercury blinded tungsten lamp 500 W	17	LAD STENITED	Working temp: Max 220 C.
Power consumption: 4.5 KW UV Tube with electronic ballast Automatic electrical control with Digital Panel, from 1 Kw to 3 Kw Power: 220 V, Single phase Size: 15" x 20" to 30" x 40" Width: 1200mm to 2400mm Speed: Min 50 meters per minute Colour pump type: Automatic Suitability for: Cotton, Viscose, Polyester and synthetic (Woven, Knitted and Nonwoven) IIGHT FASTNESS TESTER Power consumption: 4.5 KW Width electronic ballast Automatic electrical control with Digital Panel, from 1 Kw to 3 Kw Power: 220 V, Single phase Size: 15" x 20" to 30" x 40" Colour pump type: Automatic Suitability for: Cotton, Viscose, Polyester and synthetic (Woven, Knitted and Nonwoven) Light source: Mercury blinded tungsten lamp 500 W	17	LABSIENIER	Timer control: 10 SEC -99 MIN
SCREEN EXPOSURE MACHINE With Digital Panel, from 1 Kw to 3 Kw Power: 220 V, Single phase Size: 15" x 20" to 30" x 40" Width: 1200mm to 2400mm Speed: Min 50 meters per minute Colour pump type: Automatic Suitability for: Cotton, Viscose, Polyester and synthetic (Woven, Knitted and Nonwoven) LIGHT FASTNESS TESTER UV Tube with electronic ballast Automatic electrical control With Digital Panel, from 1 Kw to 3 Kw Power: 220 V, Single phase Size: 15" x 20" to 30" x 40" Colour pump to 2400mm Speed: Min 50 meters per minute Colour pump type: Automatic Suitability for: Cotton, Viscose, Polyester and synthetic (Woven, Knitted and Nonwoven)			 Power supply: 415, 3 Phase, 50HZ,
SCREEN EXPOSURE MACHINE with Digital Panel, from 1 Kw to 3 Kw Power: 220 V, Single phase Size: 15" x 20" to 30" x 40" Width: 1200mm to 2400mm Speed: Min 50 meters per minute Colour pump type: Automatic Suitability for: Cotton, Viscose, Polyester and synthetic (Woven, Knitted and Nonwoven) LIGHT FASTNESS TESTER control Nith Digital Panel, from 1 Kw to 3 Kw Power: 220 V, Single phase Size: 15" x 20" to 30" x 40" Colour pump to 2400mm Speed: Min 50 meters per minute Colour pump type: Automatic Suitability for: Cotton, Viscose, Polyester and synthetic (Woven, Knitted and Nonwoven) Light source: Mercury blinded tungsten lamp 500 W			Power consumption: 4.5 KW
SCREEN EXPOSURE MACHINE with Digital Panel, from 1 Kw to 3 Kw Power: 220 V, Single phase Size: 15" x 20" to 30" x 40" Width: 1200mm to 2400mm Speed: Min 50 meters per minute Colour pump type: Automatic Suitability for: Cotton, Viscose, Polyester and synthetic (Woven, Knitted and Nonwoven) LIGHT FASTNESS TESTER with Digital Panel, from 1 Kw to 3 Kw Power: 220 V, Single phase Cize: 15" x 20" to 30" x 40" Width: 1200mm to 2400mm Speed: Min 50 meters per minute Colour pump type: Automatic Woven, Knitted and Nonwoven)			UV Tube with electronic ballast Automatic electrical
Power: 220 V, Single phase Size: 15" x 20" to 30" x 40" Width: 1200mm to 2400mm Speed: Min 50 meters per minute Colour pump type: Automatic Suitability for: Cotton, Viscose, Polyester and synthetic (Woven, Knitted and Nonwoven) LIGHT FASTNESS TESTER Power: 220 V, Single phase Size: 15" x 20" to 30" x 40" Colour pump to 2400mm Speed: Min 50 meters per minute Colour pump type: Automatic Suitability for: Cotton, Viscose, Polyester and synthetic (Woven, Knitted and Nonwoven)			control
Size: 15" x 20" to 30" x 40" Width: 1200mm to 2400mm Speed: Min 50 meters per minute Colour pump type: Automatic Suitability for: Cotton, Viscose, Polyester and synthetic (Woven, Knitted and Nonwoven) Light FASTNESS TESTER Size: 15" x 20" to 30" x 40" Colour pump to 2400mm Speed: Min 50 meters per minute Colour pump type: Automatic Suitability for: Cotton, Viscose, Polyester and synthetic (Woven, Knitted and Nonwoven)	18	SCREEN EXPOSURE MACHINE	with Digital Panel, from 1 Kw to 3 Kw
LABORATORY ROTARY PRINTING MACHINE LABORATORY ROTARY PRINTING MACHINE Colour pump type: Automatic Suitability for: Cotton, Viscose, Polyester and synthetic (Woven, Knitted and Nonwoven) Light FASTNESS TESTER Uidht source: Mercury blinded tungsten lamp 500 W			Power: 220 V, Single phase
LABORATORY ROTARY PRINTING MACHINE Speed: Min 50 meters per minute Colour pump type: Automatic Suitability for: Cotton, Viscose, Polyester and synthetic (Woven, Knitted and Nonwoven) Light FASTNESS TESTER LIGHT FASTNESS TESTER Light source: Mercury blinded tungsten lamp 500 W			• Size: 15" x 20" to 30" x 40"
19 PRINTING MACHINE • Colour pump type: Automatic • Suitability for: Cotton, Viscose, Polyester and synthetic (Woven, Knitted and Nonwoven) 20 LIGHT FASTNESS TESTER • Light source: Mercury blinded tungsten lamp 500 W	19		Width: 1200mm to 2400mm
PRINTING MACHINE Colour pump type: Automatic Suitability for: Cotton, Viscose, Polyester and synthetic (Woven, Knitted and Nonwoven) Light FASTNESS TESTER Light source: Mercury blinded tungsten lamp 500 W		LABORATORY SOTARY	Speed: Min 50 meters per minute
Suitability for: Cotton, Viscose, Polyester and synthetic (Woven, Knitted and Nonwoven) Light source: Mercury blinded tungsten lamp 500 W			Colour pump type: Automatic
Light source: Mercury blinded tungsten lamp 500 W		PRINTING MACHINE	
20 HGHT FASTNESS TESTER			(Woven, Knitted and Nonwoven)
	20	LICUT FACTNIFCS TESTED	Light source: Mercury blinded tungsten lamp 500 W
		LIGHT FASTNESS TESTER	Temperature inside the chamber: Ambient to 5000C

		Humidity inside the chamber: 50 – 60 % RH
		 Power: 220 V, Single phase AC, 50 Hz
		Hot air with IR / UV
		• Curing width: 20′ – 40″
21	LABORATORY CURING	Suction blower to regulate airflow
	MACHINE FOR PRINTED FABRIC	Hot air temperature control
		•
		No. of print head: 10-16
22	DIGITAL PRINTING MACHINE	 Ink type: Pigment (with ink recirculation)
	FOR FABRIC	• Fabric width: 1500mm – 1800mm
		Max. colour supported: 8 Power: 220 V
		 Automatic / Semi-automatic
		Temperature: 150 - 2800C
23	LABORATORY FABRIC STEAMER	 Suitable for Digital Printing & Chest Printing
23	(LOOP AGER)	 Quantity of fabric from 50 metres to 250metres
		 Working fabric width from 1250mm to 3650mm.
		Digital / Electric control panel
		Number Of Needles - more than or equal to 4
24	AUTOMATIC SMOCKING MACHINE	 Number Of Threads - more than or equal to 4
24		Usage/Application - Light Material
		 Sewing speed – 3000 to 5000 stitch per minute
	MULTI-NEEDLE SINGLE HEAD	 Number Of Needles - 5 to 15
25	FLAT EMBROIDERY MACHINE	 Machine Type – Automatic
	TEAT ENDINOIDERT MACHINE	 Maximum speed – 1000 to 2000 stitch per minute
		Dimension of heating plate area
		• 125 x 50 mm (5" x 2")
		Download pressure :4 ±1 kPa (on 100 x 40 mm sized
		specimen)Temperature Range : Ambient to 230o C with ± 1o C
		accuracy
26	LAB MODEL SUBLIMATION	Timer range: 1 to 99 seconds
	FASTNESS TESTER	Power supply: Single phase 220vAC @ 50Hz;
		Consumption: 700 watts max.
		 Applicable Standard(s): AATCC 92/114/117/133,BS
		1006,IS 105&IS 689
		 Physical Dimensions: (WDH) 400 × 300 × 300 mm
		Weight: 35 Kg (Accessories excluded)
		No. of Print Heads 03
		• Width 1850 mm
		Thickness Maximum 3.0 mm with Liner
	LAB MODEL SUBLIMATION	Maximum 250mm Rell Mainth Maximum Color
27	PRINTER & FUSING MACHINE	Roll Weight Maximum 60kg Gora Diameter 76 2mm F0 8mm
	. MINTER & FOSING WIACHINE	Core Diameter 76.2mm, 50.8mm Types Dise Sublimation, Transfer printer.
		Types Dye-Sublimation Transfer printerPrinting Width Maximum 1829mm
		 Printing Width Maximum 1829mm Ink Types Aqueous Based Dye-Sublimation Ink Colors 4
		Colors (CMYK)
		COIOI3 (CIVITIK)

Interested companies/firms/manufacturers/ OEM/Authorized dealers meeting the qualification criteria are required to submit their tender in sealed envelopes.

The envelope should be super-scribed as a "Tender document for supply of TEXTILE AND TECHNICAL TEXTILE LABORATORY MODEL/PROTOTYPE MODEL MACHINERY & INSTRUMENTS DEDICATED TO ACADEMIC ACTIVITIES to SVPISTM, Coimbatore – 641 004."

Submitted by: (Name, Address, email, and the Telephone number of the Bidder).

SECTION: 2 TENDER SUBMISSION

- 1) OFFLINE SUBMISSION -- The bid should be submitted only in OFFLINE.
 - **a.** The cover should contain all the prime eligibility documents along with fees towards the cost of the tender document, EMD, and all pages of the tender document with the signature of the tenderer and it should be PVC / WAX sealed.
 - b. The envelopes should be superscripted at the top of the cover as "TECHNICAL / QUALIFYING BID FOR TENDER FOR SUPPLY OF TEXTILE AND TECHNICAL TEXTILE LABORATORY MODEL/PROTOTYPE MODEL MACHINERY & INSTRUMENTS DEDICATED TO ACADEMIC ACTIVITIES".
 - c. The financial bid document should be removed from the tender document and covered with a sealed envelope with the name of the tenderer, superscripted at the top as 'FINANCIAL BID FOR THE SUPPLY OF TEXTILE AND TECHNICAL TEXTILE LABORATORY MODEL/PROTOTYPE MODEL MACHINERY & INSTRUMENTS DEDICATED TO ACADEMIC ACTIVITIES MACHINERY & INSTRUMENTS"
 - d. The completed tender forms along with the enclosures and the sealed cover containing the financial bid should be submitted in ONE cover and addressed to

DR. Biswaranjan Ghosh (HOD – TEXTILES)
SARDAR VALLABHBHAI PATEL INTERNATIONAL SCHOOL OF TEXTILES
AND MANAGEMENT, 1483, AVANSHI ROAD,
COIMBATORE – 641004.

Contact Details (Mobile) : 9629715814 E-Mail Id : bg@svpitm.ac.in

d) The sealed envelope should be submitted by Speed Post/Registered Post with acknowledgement due /courier (OR) in person at the reception of SARDAR VALLABHBHAI PATEL INTERNATIONAL SCHOOL OF TEXTILES AND MANAGEMENT, Coimbatore – 641 004 on or before the due date and time.

Any delay in postal transit will not be accepted as a valid reason for condoning the delay in the submission of the tender.

e) Technical Bids will be opened as per the schedule given on critical dates in the presence of bidders or their authorized representatives. If the opening date happens to be a closed day/holiday, the tender will be opened on the next working day. Only one authorised representative from the firm shall be allowed to participate in the opening of technical bids/price bids.

2) ACCEPTANCE AND REJECTION

SARDAR VALLABHBHAI PATEL INTERNATIONAL SCHOOL OF TEXTILES AND MANAGEMENT reserves the right to accept/reject any or all tenders and accept the whole or any part of the tender without assigning any reason. A tender that does not fulfil any of the terms and conditions of the tender or with incomplete documents in any respect will be rejected summarily.

3) EARNEST MONEY DEPOSIT

- a) The EMD as mentioned in the NIT should be paid and enclosed with the Bid documents.
- b) EMD shall be deposited in the form of a Demand Draft drawn in favour of SVPISTM, Coimbatore 641004" / BANK GUARANTEE in favour of "SVPISTM, Coimbatore-641004" issued by any Nationalized Bank valid for 210 days from the date of NIT.
- c) The DD/BG for the EMD amount in original should be attached to the Tender document.
- d) No other mode of payment for EMD will be accepted.
- e) Tenderer who are registered with NSIC/MSME authorities for the tendered service/item is exempted from the payment of EMD on the production of a self-attested copy of the certificate issued by NSIC/MSME.
- f) The EMD will not carry any interest while it is in the custody of SVPISTM.
- g) The EMD will be refunded to the successful/unsuccessful tenderers after the finalisation of the Tender. The EMD paid in the form of BG will be returned to the successful tenderer on payment of SD, execution of the agreement, and finalisation of the Tender.
- h) The EMD will be refunded to the unsuccessful tenderer after the finalisation of the Tender.
- i) The EMD will be forfeited if the successful tenderer does not supply the TEXTILE AND TECHNICAL TEXTILE LABORATORY MODEL/PROTOTYPE MODEL MACHINERY & INSTRUMENTS DEDICATED TO ACADEMIC ACTIVITIES Machinery & Instruments within the stipulated time.
- j) The EMD will be forfeited if the tenderer withdraws the tender within the validity period of the bid.

4) TECHNICAL BID QUALIFYING CRITERIA

- a) A registered Company/Manufacturer/OEM or their Authorized Dealers should have similar work experience and an annual turnover of more than Rs.0.5 Crore during the last three financial years.
- b) The Bidder should have a valid License/Registration, GSTIN No., PAN Number, Bank Account and registered office in India.
- c) The Bidder should not have been blacklisted by any Govt. Dept./Semi-Govt./Dept. or any other organization.
- d) Information regarding experience in the Supply &Installation of the same/similar Machinery & Instruments/machinery in India should be furnished as per annexures 9 & 10. Documentary Evidence to be supported by Purchase Orders and Project/installation completion certificates.
- e) Bidders shall have sufficient manufacturing capacity /tie-ups and should have the after-sales support infrastructure.

- f) In case, the Bidder offers to supply Machinery & Instruments, which are not manufactured by them, the Bidder should be duly authorized by the Principal/OEM as an authorized dealer to supply the machines/Machinery & Instruments. Relevant documents to be submitted and also as per SVPISTM format as per annexure 11 need to be submitted.
- g) Preference will be given to the Manufacturers/ their authorized dealers having more than 3 years of association with the same manufacturers to ensure effective after-sales service support.
- h) If the Bidder has already supplied/received an order to supply any similar Machinery & Instruments/machine to any Government organization, the performance, timeline and quality of supply and services will be considered as qualifying criteria.
- i) If the bidder is not an OEM then the Authorized Dealers should submit the necessary OEM documents/information etc.,

The selection of the Contractor will be made based on various parameters (as fixed by the Committee/Competent Authorities) like past service to Government Offices, after-sales support, Period of Warranty, AMC Support, feedback from the previous clients of the bidder etc.

5) DOCUMENTS ESTABLISHING BIDDER'S ELIGIBILITY AND QUALIFICATIONS

The bidder shall furnish the self-attested copies of the following documents, as part of his bid documents establishing the bidder's eligibility. The original documents should be produced on demand for verification and return.

- a) Cost of Tender Document (Crossed DD in original) (Mandatory)
- b) Cost of EMD DD/BG in original (Mandatory)
- c) Details regarding experience in the Supply &Installation of the same/similar Machinery & Instruments/machinery in India.
- d) Documentary Evidence to be supported by Purchase Orders and Project/installation completion
- e) a valid License/Registration, GSTIN No., PAN Number, Bank Account and registered office in India
- f) Any other documents supporting the Qualifying criteria for technical bid.
- g) Declaration for accepting terms and Conditions of SVPISTM.
- h) Certificate for not having near relatives working in SVPISTM.
- a) IT return copy for the assessment years (I.e. 2020-21, 2021-22, 2022-23).
- i) Latest profit and loss statement.
- j) Copies of Articles of Association and Memorandum of Association in case of Limited company OR Copies partnership Deed and Power of Attorney in case of Partnership Firm
- k) Affidavit in case of the sole proprietorship (in Non-Judicial Stamp Paper of Rs. 100.)
- 1) Copy of GST Registration Certificate.

- m) Self-declaration by the bidder stating that the Bidder **has not been black-listed** by any Central/ State Governments/ PSUs/Colleges/Schools in India at the time of submission of the bid must be submitted in this regard (Mandatory).
- n) Tenderer's Profile.

Any bid devoid of the above documents will be summarily rejected.

6) EVALUATION CRITERIA AND FINAL SELECTION

- 1) The committee constituted by the Director, SVPISTM, Coimbatore will examine the technical documents and decide the suitability as per the requirements of SVPISTM and the terms and conditions of the tender. Only the technical bids of the firms, which meet the qualification criteria, would be taken up for detailed evaluation.
- 2) The technical committee will visit to verify the capacity and capability of the bidders to assess the performance of similar Machinery & Instruments/machinery supplied by them
- 3) Selection of the bidders shall be based on a weighted criteria system to be derived from the submitted tender documents, experience etc., In the case of non-fulfilment of minimum pre-qualification criteria of the technical bid, the bid of the respective bidder shall be rejected. The competent authority will decide regarding the selection of Contractors.

7) AWARD OF CONTRACT:-

- The Contract will be awarded based on the rate quoted in the financial bid among the technically qualified bidders. Once the work order awarding the contract is sent to the Contractor, he must be ready to supply the Machinery & Instruments within 60 days of receiving the work order.
- 2) The competent Authority reserves the following rights:
 - a. to review, the quality and performance of the Machinery & Instruments supplied, and cancel the purchase order if the supply is not as per the specifications, stipulated in the NIT.
 - b. to cancel the purchase order at any time without assigning any reason and the decision of the Director, SARDAR VALLABHBHAI PATEL INTERNATIONAL SCHOOL OF TEXTILES AND MANAGEMENT, Coimbatore – 641 004 will be final in awarding the contracts.

8) SECURITY DEPOSIT

- 1) The successful Bidder including NSIC/ MSME registered firms should remit a **Security Deposit** equivalent to 10 % of the awarded amount for the Machinery & Instruments supplied for One year within five days from the date of receipt of the communication by the Bidder.
- 2) This security deposit is payable in the form of a Term Deposit Receipt (TDR) / Bank Guarantee issued by a Nationalized / Scheduled Bank and it should be for twelve months. Failure to pay the security deposit within the specified time will entail the forfeiture of EMD and also the rejection of the tender.
- 3) The security deposit will not carry any interest while it is in the custody of SVPISTM.

- 4) The Security deposit will be returned after 12 months after the successful completion of the supply, installation, and training to the staff and there is no liability on the part of the Bidder to SVPISTM.
- 5) The Security deposit will be forfeited in the following circumstances.
 - a) In case any document is found false / forged at any stage, the Security deposit will be forfeited.
 - b) If the contract is terminated by the SVPISTM due to the supply of poor quality Machinery & Instruments or negligence/misbehaviour / bad act of the contractor / his personnel or non-observing of the provisions stipulated in the contract, the Security deposit shall be forfeited.
 - c) If the contractor is found violating any law/rule related to the supply of the Machinery & Instruments and a report in this regard is received from the competent authority indicating the contractor for violation of any law/rule, the security deposit shall be forfeited without prejudice to any other action as per provisions of the contract.
 - d) If the contractor fails to supply the Machinery & Instruments within the time limit specified, the penalty for delay shall be recovered from the Security deposit.
 - e) The assessment of recoveries made by the Director, SVPISTM Coimbatore shall be final and binding on the contractor.

9) AGREEMENT:

- a. The successful tenderer will be required to execute an agreement in a Non-judicial stamp paper of appropriate value within the time frame stipulated by SVPISTM, Coimbatore.
- b. The SVPISTM reserves the right to add/delete/modify the clauses in the agreement.
- c. Failure of the successful bidder to comply with this requirement shall constitute sufficient ground for the annulment of the award and forfeiture of the bid security (EMD) in which event the SVPISTM may make the award to any other bidder, at the discretion of SVPISTM or call for new bids.

10) PERIOD OF CONTRACT:

- a) The supply of the Machinery & Instruments should be completed within 60 days from the date of issue of the purchase order.
- b) Extension/non-extension will be the sole discretion of the authority and the Contractors cannot assume extension as their right.

11) TERMINATION OF CONTRACT:

- 1) The competent authority reserves the right to terminate the contract at any time without assigning any reason if it appears to the authority at any point of time that the services based on the quality of the machinery & Instruments
- 2) At any time during the period of the contract, if it comes to the notice of the SVPISTM that the contractor has misled this office by way of giving false/incorrect information which has been material in the award of the contract, the contract shall be liable to termination without any notice besides other legal action as per law. Further, in case of any breach, the contract can be terminated without any notice.

SECTION 3 TERMS & CONDITIONS.

1) GENERAL TERMS & CONDITIONS.

- a) The Bidder can apply for one Machinery & Instrument or more than one Machinery & Instruments as per their expertise and capabilities. However, only one tender has to be submitted.
- b) The Technical specifications of the Machinery & Instruments/machinery should be of recent model & make and its spares should be available in the market for a minimum of 3 years.
- c) Details of the product offered shall be supported with complete specifications duly authorized along with documents i.e., Leaflet, catalogue, literature, test reports etc.
- d) Govt. of India guidelines in Make in India policy, Relaxation of Norms for Startup and Micro & Small Enterprises in Public Procurement will be followed.
- e) SVPISTM reserves its right to relax the condition of prior turnover and prior experience for start-up enterprises subject to meeting quality & technical specifications. The decision of the SVPISTM in this regard shall be final.
- f) The rates quoted shall be inclusive of charges such as Insurance, transportation, installation, and training for the staff and all other taxes (excluding GST). Nothing extra shall be paid over the quoted rates.
- g) It is the responsibility of the tenderer to check any correction or any modifications published subsequently in the website and the same shall be taken into account while submitting the tender.
- h) The Bidder submitting the tender would be deemed to have considered and accepted all the terms and conditions of the contract. No verbal or written enquiries will be entertained in respect of acceptance or rejection of the tender.
- i) The bidder having their close relatives working in SVPISTM, Coimbatore is not allowed to participate in the Tender, an affidavit confirming the same should be submitted in original to SVPISTM, Coimbatore.
- j) The contractor shall not sublease full or part of the contract. If found subleased, it leads to blacklisting of the vendor and penalization by the Institute. No Subletting of construction of work is permissible at any cost.
- k) The selected bidder will have to complete all the required formalities/obtain permits/licenses, if any, including agreement, etc. immediately within Five days after the award of the Purchase order.
- Canvassing whether directly or indirectly, in connection with tenders, is strictly prohibited and the tenders, submitted by the contractors, who resort to canvassing, will be liable for rejection.

2) SPECIAL TERMS & CONDITIONS

- a) The contractor shall take all precautionary measures to avoid any damage to adjoining property while installing the Machinery & Instruments. All necessary arrangements shall be made at his own cost.
- b) SVPISTM reserves the right to make any change, omission, additions (or) alterations to the original specifications of the Machinery & Instruments. Such changes, omissions, and substitutions shall be deemed to have been formed as work included in the original tender and the contractor shall be bound to carry out the work/adhere to the supply order.
- c) The Period of warranty for the Machinery & Instruments will be for two Years.
- d) The Contractor shall extend Post Supply Support to the Institute in maintaining the Machinery & Instruments.

SECTION: 4 MISCELLANEOUS

1) Arbitration:

All disputes or differences whatsoever between the contractor and the Institute related to the Contract will be settled by arbitration as per the provisions of the Indian Arbitration and Conciliation Act, 1996 and shall be binding for all purposes.

2) Legal dispute:

Any disputes or differences whatsoever arising out of or relating to the construction, interpretation, operation or effect of any of the terms in this agreement or the breach thereof and claims and benefits which arise out of the subject work but which are disputed, shall be settled by Courts of Law having jurisdiction in Coimbatore only.

4) FORCE MAJEURE

- a) If at any time, during the continuance of this contract, the performance in whole or in part, by either party of any obligation under this contract shall be prevented or delayed by reasons beyond control -FORCE MAJEURE- Neither party shall, by reasons of such events be entitled to terminate this contract, nor shall either parties have any claim for damages against the other in respect of such non-performance or delay in performance.
- b) The force majeure shall include war or hostility, acts of the public enemy, civil commotion, sabotage, fire, floods, explosions, epidemics, quarantine, restrictions, strikes, or lockouts, or acts of God (hereinafter referred to as eventuality).
- c) Provided such force majeure provisions apply only if notice of happening of any such eventuality is given by either party claiming concession to the other within 21 days from the date of occurrence thereof,
- d) Provided activities under the contract that were interrupted under the force majeure event are resumed as soon as practicable after such event comes to an end, or ceases to exist, and the decision of the SVPISTM, Coimbatore as to whether the activities have been so resumed or not, shall be final and conclusive.
- e) Provided further that if the performance in whole or part of, any obligation under this contract is prevented or delayed by reasons, for any such events for a period exceeding 60 days, either party may at his option terminate the contract.

5) PENALTY CLAUSES

Failure to construct in terms of quality, quantity, and as per the requirements will attract a penalty. For not adhering to contractual conditions, SVPISTM shall be free to impose a monetary fine as deemed fit on the Contractor. Fines imposed shall be remitted by the contractor to the Institute account or else the same shall be adjusted from the Security Deposit.

- a) If any consequential damages occur while carrying out the installation work, the damage incurred so should be borne by the tenderer. Quantum of liquidity damages assessed by the SVPISTM shall be final and non-challengeable by the contractor.
- b) **PENALTY FOR DELAY IN supply of Goods:-** Supply of the Machinery & Instruments has to be completed within the schedule. For any delay in completing the work, a delay of every week or part thereof, an amount equivalent to 0.5 % subject to a maximum of 12% of the contractor's claim made for the execution will be deducted from the amount payable in the settlement of the claim at the discretion of the Director.
- c) The Director, SVPISTM shall be the Competent Authority regarding the imposition of penalty and quantum of the penalty and her decision shall be final.

SECTION: 5

1. PAYMENT OF BILLS

- a. The contractor shall submit the bills in duplicate in printed form has the GST Number.
- b. The bills for payment should be prepared neatly & signed.
- c. The bill of work shall be prepared as per the rates specified in the tender.
- d. The claim shall be inclusive of all taxes.
- e. The dues to the institute will be recovered from the bills
- The payments will be released as per the stages of supply of Machinery & Instruments which will be checked and signed by the nominated person of SVPISTM, Coimbatore.
- g. The Payment shall be released only after completion of the work including installation training and certification in the respective supply stage by the authorised person of SVPISTM.
- h. The payment will be released only on successful completion of the work in all the stages and the management certificate issued.

SECTION: 6

1) APPLICATION PROCEDURE

- a) The tender is to be downloaded from the website and print is to be taken on A4 size paper and details are to be entered by the tenderer at the various locations in the document. It shall be ensured that the document is printed as appearing in this bid document, there is no change in formatting, no. of pages etc. and all pages are legible and clear.
- b) Submission of Xerox or photocopy of the tender document is prohibited.
- c) Correction fluid should not be used in rates quoted in tender documents. In case the use of correction fluid is noticed, such tender will be liable for rejection.
- d) If an individual makes the application, it shall be signed by the proprietor above his full typewritten name and current address.
- e) If the application is made by a proprietary firm, it shall be signed by the proprietor above his full typewritten name and the full name of his firm with its current address.
- f) If the application is made by a firm in partnership, it shall be signed by all the partners of the firm above their full typewritten names and current address, or by a partner holding power of attorney for the firm or any person authorized by all the partners. In such a case, a certified copy of the power of attorney shall accompany the application. A certified copy of the partnership deed and the current address of all the partners of the firm shall also accompany the application.
- g) If the application is made by a limited company or a corporation, it shall be signed by a duly authorized person holding power of attorney for signing the application. In such a case, a certified copy of the power of attorney shall accompany the application. Such a limited company or corporation may be required to furnish satisfactory evidence of its existence before the pre-qualification application is filed.

ANNEXURE - 1

Α	-	•	 \sim	•	TI	\sim	•	
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From			
	 		

To
The Director,
SARDAR VALLABHBHAI PATEL INTERNATIONAL SCHOOL
OF TEXTILES AND MANAGEMENT,
Coimbatore-641 004.

Madam,

SUB: Submission of tender application for participating in tender floated for the supply of TEXTILE AND TECHNICAL TEXTILE LABORATORY MODEL/PROTOTYPE MODEL MACHINERY & INSTRUMENTS DEDICATED TO ACADEMIC ACTIVITIES for SVPISTM, Coimbatore -- reg.

We were having examined the details given in the Tender Document SVPISTM/NTTM/2024-25/dt. @ Coimbatore the 21-04-2024, for the supply of TEXTILE AND TECHNICAL TEXTILE LABORATORY MODEL/PROTOTYPE MODEL MACHINERY & INSTRUMENTS DEDICATED TO ACADEMIC ACTIVITIES for SVPISTM, Coimbatore and published on the Institute website, we hereby submit the pre-qualification documents. We hereby certify that all the statements made and information supplied in the enclosed forms and accompanying statements are true and correct. We have furnished all information and details necessary for pre-qualification and have no further pertinent information to supply.

We undertake that, if any information or document is found to be false or forged, my Application/ empanelment is liable to be rejected/cancelled by SVPISTM, Coimbatore at any point of time.

I/We agree that should I/We fail to commence the work specified in the above memorandum, an amount equal to the amount of the earnest money mentioned in the form of invitation of the tender shall be forfeited to the SVPISTM and the same may at the option of the competent authority on behalf of SVPISTM be recovered without prejudice to any right or remedy available in law out of the deposit in so far as the same may extend in terms of the said bond and in the event of deficiency out of any other money due to me/us under this contract or otherwise.

I/We have read and examined the notice inviting tender, specifications, General Rules and procedures, Conditions of Contract, Clauses of Contract, Special conditions, Schedule of Rate & other documents and Rules referred to in the Conditions of Contract and all other contents in the tender document for the work. I/We hereby tender for the execution of the work specified for the SVPISTM within the time specified in the schedule, schedule of quantities and in accordance in all respects with the specifications, designs, drawings and instructions,

Date of submission:

Signature of Applicant
Name of the Organization (Company seal)

Page **21** of **36**

Signature of the Bidder

ANNEXURE - 2

APPLICATION FORM

Space for Photograph

1) Name of the Tenderer /	:	
2) Name of the tenderer so	ubmitting the tender	
(Signing the tender) who (In the case of Proprietar the tender has to be sign Partner, as the case may	y/partnership firms, the ed only by the Proprietor/	:
3) Address of the Tenderer/Firm/Company		:
4) Communication Postal	Address	
5) Phone No / Mobile No.		:
6) E-Mail ID		:
7) Registration & Incorpord the Proprietorship/Agen (if any)	•	
Proprietorship.	:	
Partnership. :		
Private Limited.	:	
Public Limited.	:	
Page 22 of 36		Signature of the Bidder

(Please attach copies of documents)	
8) Name of the Proprietor/ Partners/ Directors	:
9) Name of Tenderers bank, address, and the Current account number, having ECS/EFT facility	: :
10) Permanent Income Tax Number, Income Tax circl	e:
11) GST Registration No:	:
12) Details of the supervisory staff	:
CERTIFE I/we,	do hereby declare that the details case at any stage, it is found that the
Place:	
Signature of Tenderer/Authorized Signatory Name of the Tenderer:	

ANNEXURE – 3

DECLARATION FOR ACCEPTING AND TERMS ND CONDITIONS.

To The Director, SVPISTM, COIMBATORE – 641 004.

Madam,

We are willing to supply TEXTILE AND TECHNICAL TEXTILE LABORATORY MODEL/PROTOTYPE MODEL MACHINERY & INSTRUMENTS DEDICATED TO ACADEMIC ACTIVITIES for SVPISTM, Coimbatore as per Tender No. SVPISTM/NTTM/2024-25/ dt. @ Coimbatore the 21-04-2024, as detailed below:-

SI.	Name of the TEXTILE AND TECHNICAL TEXTILE LABORATORY MODEL/PROTOTYPE MODEL MACHINERY	Willing to supply	EMD Details
No.	& INSTRUMENTS DEDICATED TO ACADEMIC ACTIVITIES	(Say Yes/No)	EMD Delais
1	FIBRE OPENING MACHINE	(0.07)	
2	CARDING MACHINE		
3	DRAW FRAME		
4	ROVING MACHINE		
5	ring spinning		
6	ROTOR SPINNING MACHINE		
7	TWO-FOR-ONE TWISTING MACHINE		
8	WINDING MACHINE		
9	YARN EVENNESS TESTER		
10	UNIVERSAL TENSILE STRENGTH TESTER		
11	TRASH ANALYZER		
12	HIGH VOLUME INSTRUMENT		
13	BURSTING STRENGTH TESTER		
14	IMPACT STRENGTH TESTER		
15	ABRASION TESTER		
16	SPECTROPHOTOMETER		
17	LAB STENTER		
18	SCREEN EXPOSURE MACHINE		
19	LABORATORY ROTARY PRINTING MACHINE		
20	LIGHT FASTNESS TESTER		
21	LABORATORY CURING MACHINE FOR PRINTED FABRIC		
22	DIGITAL PRINTING MACHINE FOR FABRIC		
23	LABORATORY FABRIC STEAMER (LOOP AGER)		
24	AUTOMATIC SMOCKING MACHINE		
25	MULTI-NEEDLE SINGLE HEAD FLAT EMBROIDERY MACHINE		
26	LAB MODEL SUBLIMATION FASTNESS TESTER		
27	LAB MODEL SUBLIMATION PRINTER & FUSING MACHINE		

Continued

Note:-

The Tenderer can quote rate either for the supply of one TEXTILE AND TECHNICAL TEXTILE LABORATORY MODEL/PROTOTYPE MODEL MACHINERY & INSTRUMENTS DEDICATED TO ACADEMIC ACTIVITIES or any number of Machinery & Instruments, at his choice.

(It is not compulsory to quote the rate for all the Machinery & Instruments.)

We hereby agree to abide by all the terms and conditions mentioned in the tender document.

Further, we hereby undertake that there are pages, serially numbered, in the tender including supporting documents.

Signature Date: Place: Seal :

ANNEXURE – 4

From	ON
M/s	
То	
The Director, Sardar Vallabhbhai Patel International School of Text Coimbatore— 641 004.	tiles and Management,
I,Son/Daughter/	Wife of Shri.
the proprietor/Director/ authorized signatory of the company to sign this declaration and execute this Tender documents.	agency/Firm mentioned above is competent
I/we have carefully read and understood all the undertake to abide by them.	e terms and conditions of the tender and
The information/documents furnished along with the of my knowledge and belief. I/we, am/are well a information/ fabricated document would lead to reliabilities towards prosecution under appropriate law	aware of the fact that furnishing any false ejection of my tender at any stage besides
I/We further undertake that none of the Proprietor/Por is the Proprietor or Partner or Director of any Agen/suspended business dealings. I/We further under Coimbatore immediately after we are informed but Agency in which Proprietor/Partners/Directors are Agency which is banned/suspended in future during	ncy with whom the Government has banned ertake to report to the Director, SVPISTM, at in any case not later than 15 days, if any Proprietor or Partner or Director of such an
	Yours faithfully,
Date: Place: Name: Designation: Seal of the Agency: Address:	Signature of the bidder Name: Designation:

Page **26** of **36**

Signature of the Bidder

ANNEXURE - 5

CERTIFICATE ON NON-PARTICIPATION OF NEAR RELATIVES IN THE TENDER

I\$/O
Participating in the Tender for the supply of TEXTILE AND TECHNICAL TEXTILE LABORATORY
MODEL/PROTOTYPE MODEL MACHINERY & INSTRUMENTS DEDICATED TO ACADEMIC ACTIVITIES to
SVPISTM, Coimbatore 641 004l at the mentioned rate do hereby certify that none of my relative(s)
is/are employed in the SVPISTM unit as per details given in the tender document. In the case at
any stage, it is found that the information given by me is false/incorrect, SVPISTM shall have the
absolute right to take any action as deemed fit without any prior intimation to me.
Signature of the tenderer)
Name (Block Letters):
Position:
Date:

Note: In the case of a proprietorship firm the certificate will be given by the proprietor, for a partnership firm, the certificate will be given by all the Partners, and in the case of the limited company by all the Directors of the company.

ANNEXURE - 6

CERTIFICATE & DECLARATION

It is certified that all information provided in the tender form is true and correct to the best of my knowledge and belief. No forged/tampered document(s) are produced with the tender form for gaining an unlawful advantage. I/We understand that SVPISTM, Coimbatore is authorized to enquire to establish the facts claimed and obtain confidential reports from clients.

In case it is established that any information provided by me/us is false/misleading or in the circumstances where it is found that we have made any wrong claims, we are liable for forfeiture of EMD/SD and or any penal action and other damages including withdrawal of all work/purchase orders being executed by us. Further, SVPISTM Coimbatore is also authorized to blacklist our firm/company/agency and debar us from participating in any tender/bid in the future.

I / We assure the Institute that neither I / We nor any of my / our workers will do any act/s which are improper/illegal during the execution in case the tender is awarded to us. Neither I / We nor anybody on my / our behalf will indulge in any corrupt activities/practices in my / our dealing with the Institute.

Our Firm/ Company/ Agency is not been blacklisted or banned by any Govt. Department, PSU, University, Autonomous Institute, or any other Govt. Organization and also no case of any nature i.e. CBI/ Civil//Income Tax/GST/EPF/ESIC is contemplated or pending against us.

Date : Signature of the Tenderer

Place : Stamp

AUTHORISATION LETTER

To

The Director, SVPISTM, COIMBATORE - 641004.

Sir/Madam,

Subject - Authorization for attending the bid opening on 21-05-2024 for the Tender floated for the supply of textiles TEXTILE AND TECHNICAL TEXTILE LABORATORY MODEL/PROTOTYPE MODEL MACHINERY & INSTRUMENTS DEDICATED TO ACADEMIC ACTIVITIES Machinery & Instruments -- reg

Order of Preference Name Specimen Signature

1.

2.

3.

Signature of the Tenderer

Note:-

Only one representative will be permitted to attend the bid opening. An alternative representative will be permitted when the regular representative is not able to attend. The person who is authorized to attend the bid opening must have the authorization certificate. Permission for entry to the hall where bids are to be opened may be refused in case authorization as prescribed above is not mentioned.

MANDATE FORM

ELECTRONIC CLEARING SERVICE (CREDIT CLEARING)/REAL TIME GROSS SETTLEMENT (RTGS) FACILITY FOR RECEIVING PAYMENTS

DETAILS OF ACCOUNT HOLDER:-

NAME OF THE ACCOUNT HOLDER	
COMPLETE CONTACT ADDRESS	
TELEPHONE NUBER//E-MAIL	

BANK ACCOUNT DETAILS:

BANK NAME	
BRANCH NAME WITH COMPLETE ADDRESS	
TELEPHONE NUMBER AND E-MAIL	Ph. No : Bank E-mail :
WHETHER THE BRANCH IS COMPUTERISED	YES / NO
WHETHER THE BRANCH IS RTGS ENABLED. IF YES, THEN WHAT IS THE BRANCH'S IFSC CODE	YES / NO IFSC -
IS THE BRANCH ALSO NEFT ENABLED	YES / NO
TYPE OF BANK ACCOUNT (SB/CURRENT)	SAVINGS ACCOUNT / CURRENT ACCOUNT
BANK ACCOUNT NUMBER	
MICR CODE OF THE BANK	

Annexure – 9

List of Government Organizations/Dept./Private sector or any other for whom the Bidder has
Supplied and Installed the same/similar Machinery & Instruments during the last five years
(must be supported with work/Purchase orders)

SI.	Name of the Organization	Name of Contact Conta	
No	a	Person	No./email id

Signature of the Bidder:
Name:
Designation:

Annexure – 10

PREVIOUS SUPPLY ORDER DETAILS

Order	Order	Description	Value of	Date of	Has the Machinery &	Contact person
Placed by	Number	and	Order	delivery as	Instruments been	along with
(Full	and date	quantity of		per	installed	Telephone No.,
Address of		ordered		Contract	satisfactorily(Attach a	Fax No. and
the		Machinery			Certificate from the	email id)
Purchaser		&			Purchaser/Consignee)	
		Instruments				

Signature of the Bidder: Name: Designation:

ORIGINAL MACHINERY & INSTRUMENTS MANUFACTURER (OEM) Manufacturing authorization form (MAF) (On Letter Head of Manufacturer)

No:	Date :
To The Director, SVPISTM, Coimbatore – 641 004	
Dear Sir/Madam,	
We manufacturers of Original Mach	inery & Instruments at
do hereby authorize (M/s Name and	d address of the agent
to submit an offer against the Tende	er for the supply of (Name of the Machinery &
Instruments	
M.s to submit the bid and conclude the c	is authorised contract regarding business.
	and warranty for the goods offered by the above from the period to
ours faithfully,	
Signature)	
Name and seal of the manufacturer.	

CHECKLIST

SI. No	Document / Form	Remarks
1	Tender form in original, duly filled in and signed by the Bidder on each page. (Mandatory)	
2	DDs for the cost of the Tender Form (Mandatory)	
3	Cost of EMD DD/ Bank Guarantee (Mandatory)	
4	OEM - Manufacturing authorization form.	
5	Certificate for not having near relatives working in SVPISTM	
6	Details of previous supply orders of a similar nature in the last five years.	
7	PAN number –proof copy to be enclosed	
8	GST number (Proof of application registration if number not provided	
9	IT return copy for the assessment years 2021-22, 2022-23 & 2023-24	
10	Latest profit and loss statement.	
11	Copy of License/Certificate) for carrying out the specified work. (Valid on the date of tender Opening	
12	All Declaration & Certificates in NIT (Mandatory)	
13	E-payment mandate form	
14	Copy of the Article & Memorandum of Association of the company in case of Limited company OR Copies of partnership Deed and Power of Attorney in case of Partnership Firm OR Affidavit in case of the sole proprietorship.	
15	Self-declaration by the bidder stating that the Bidder has not been black-listed by any Central/ State Governments/ PSUs/Colleges/Schools in India at the time of submission of the bid must be submitted in this regard (Mandatory).	

FINANCIAL BID

(Supply OF TEXTILE AND TECHNICAL TEXTILE LABORATORY MODEL/PROTOTYPE MODEL MACHINERY & INSTRUMENTS DEDICATED TO ACADEMIC ACTIVITIES)

SI. No.	Name of the TEXTILE AND TECHNICAL TEXTILE LABORATORY MODEL/PROTOTYPE MODEL MACHINERY & INSTRUMENTS DEDICATED TO ACADEMIC ACTIVITIES	(In Figures)	(in words)
1	FIBRE OPENING MACHINE		
2	CARDING MACHINE		
3	DRAW FRAME		
4	ROVING MACHINE		
5	RING SPINNING		
6	ROTOR SPINNING MACHINE		
7	TWO-FOR-ONE TWISTING MACHINE		
8	WINDING MACHINE		
9	YARN EVENNESS TESTER		
10	UNIVERSAL TENSILE STRENGTH TESTER		
11	TRASH ANALYZER		
12	HIGH VOLUME INSTRUMENT		
13	BURSTING STRENGTH TESTER		
14	IMPACT STRENGTH TESTER		

15	ABRASION TESTER	
16	SPECTROPHOTOMETER	
17	LAB STENTER	
18	SCREEN EXPOSURE MACHINE	
19	LABORATORY ROTARY	
	PRINTING MACHINE	
20	LIGHT FASTNESS TESTER	
21	LABORATORY CURING MACHINE FOR PRINTED FABRIC	
22	DIGITAL PRINTING MACHINE FOR FABRIC	
23	LABORATORY FABRIC STEAMER (LOOP AGER)	
24	AUTOMATIC SMOCKING MACHINE	
25	MULTI-NEEDLE SINGLE HEAD FLAT EMBROIDERY MACHINE	
26	LAB MODEL SUBLIMATION FASTNESS TESTER	
27	LAB MODEL SUBLIMATION PRINTER & FUSING MACHINE	

Signature of Tenderer/Authorized Signatory
Name of the Tenderer
:
Seal of the Tenderer
:
Address
:

Note: -

(if there is any discrepancy in figures and words in the quote, the rate quoted in words shall prevail)

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Signature of the Bidder