

Shanto-Mariam University of Creative Technology
Plot-06, Road/Avenue-06, Sector-17/H-1, Uttara, Dhaka-1230

Ref No. SMUCT/Textile Machinery/2026/01

Date: 08.09.2026

Invitation of Tender/Quotation For Textile Machinery Equipment for New Lab

Sealed Quotations are hereby invited from the bonafied Importers/Suppliers/Reputed Companies/Manufacturers/Distributors for supply of Textile Machinery Equipment of the **Shanto-Mariam University of Creative Technology (SMUCT)** as per following specifications & configuration:

SL	Name of the Equipment	Required Quantity
01	Counting Glass	10 Nos
02	Shrinkage Template and Scale	01 No
03	Scissors	05 Nos
04	Stop Watch	05 Nos
05	PH Paper	05 Box
06	AATCC Scale(Staining & color Change)	01 No
07	ICI Tester	01 No
08	Abrasion Pilling Tester	01 No
09	Textile Tensile Testing machine	01 No
10	Crock meter	01 No
11	Garments washing Machine(Sample)	01 No
12	Whisker Machine	01 No
13	GSM Balance + Cutter	01 Set
14	Portable Spray Gun	01 No

Terms & Conditions:

- Interested and eligible suppliers/vendors may obtain the Tender Schedule/BOQ from the Purchase & Procurement Department of the University during office hours.
- Quotation must be submitted in your company pad with financial proposal & technical specifications as per BOQ at the SMUCT Tender Box on or before **30 September, 2026** up to 5.00 P.M along with required document mentioned below-
 - Must have valid Trade License (Up-to Date)
 - Must have TIN and VAT Registration Certificate
 - Experience: The Supplier must have experience for supplying similar products in different Universities in Bangladesh.
 - Bank Solvency Certificate.
- Warranty, installation, after sales service period and other facilities must be mentioned in the tender/quotation.
- The University reserves the right to accept or reject any quotation as it may deem fit.
- Delivery must be made at the SMUCT Campus by the supplier at their own cost.
- The Quoted price must be excluding of **VAT and AIT**, otherwise, the Quotation shall not be accepted.
- Payment will be made by A/C payee cheque after successful delivery of the product.
- Offer Validity must be mentioned in your pad.**
- Place of Tender Submission: Purchase & Procurement Department, Shanto-Mariam University of Creative Uttara, Dhaka-1230(During Office Hours)

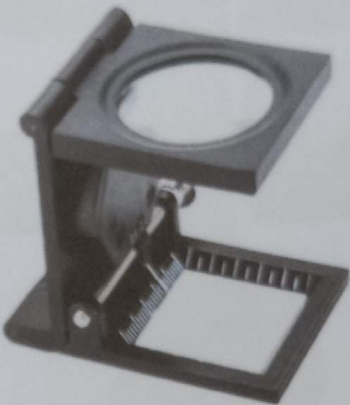
Amr 09.09.26

(Dr. Par Mosiur Rahman)
Registrar
Shanto-Mariam University of Creative Technology

Enclose:

1. BOQ

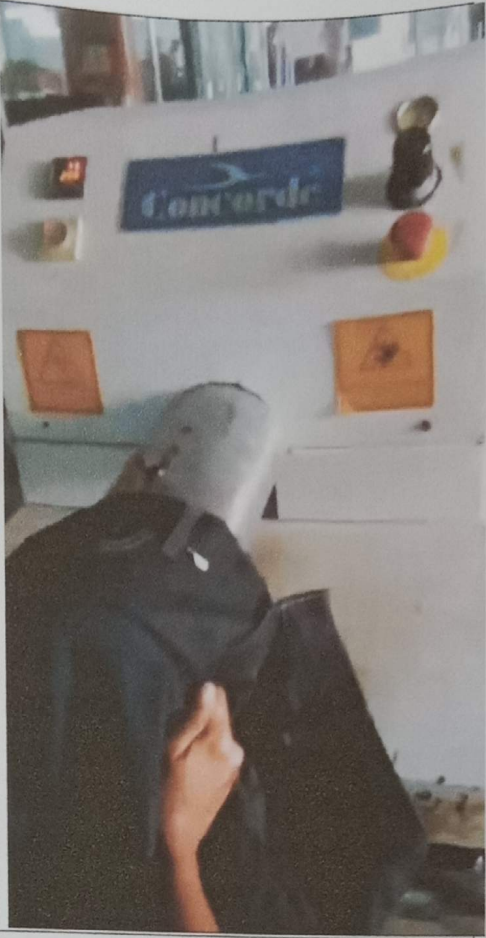
BOQ for Textile Machinery & Equipment for New Laboratory

SL	Specifications	Quantity	Image
01	Textile Thread Counting Magnifying Glass Magnification: 10X Lighting: 2 Built-in LED Lights Origin: China Product Description: A compact and convenient textile inspection magnifier designed for counting yarns, threads, and fabric construction. The 10X magnification provides clear and detailed viewing of textile structures, making it suitable for fabric inspection, yarn counting, sewing quality checking, and laboratory applications. Key Features: • 10X Maximum Magnification • 2 Built-in LED Lights for Clear Illumination • Suitable for Thread & Fabric Counting • Compact, Lightweight and Easy to Use • Ideal for Textile Laboratory & Quality Control	10 Nos	
02	Shrinkage Template and Scale Shrinkage Template & Ruler Brand: SDL Origin: UK Sizes: 50 × 50 cm, 35 × 35 cm, 25 × 25 cm Configuration: 3 Sizes / Options in 1 Template Suitable for: AATCC & ISO Shrinkage Tests Material: Durable, precision-marked template for repeated laboratory use.	01 No	
03	Scissor 8 inch	5 Set	
04	Stop watch , made in china	5 Set	
05	PH paper, merck Germany	5 box	
06	Gray Scale – Full Set, Brand: SDC/AATCC Scale Origin: UK/U.S.A Standard Gray Scale full set for the visual assessment of color change and color staining in textile color fastness testing. Designed for accurate comparison against standardized grey-scale references and suitable for textile laboratories, dyeing houses, garment factories, and quality control departments. Features: Standardized grey reference scales, durable construction, easy visual comparison, and suitable for routine textile testing according to relevant international testing practices.	1 Set	

	Specifications	Quantity	Image
07	Digital ICI Pilling Tester Brand: DUNLIN/ANYTESTER Origin: China, Chambers: 4 Boxes The Digital ICI Pilling Tester is designed to evaluate the surface pilling and snagging properties of woven and knitted fabrics. It complies with EN ISO 12945-1, BS 5811, GB/T 4802.3, JIS L1076, IWS TM152, M&S P18, P18A & P18B standards. The 4-chamber configuration enables efficient and reliable simultaneous testing. <u>Technical Specifications:</u> Rotational Speed: 1-70 rpm, adjustable Digital Count Range: 0-99,999 Controller: Touch Screen Drive: Servo Motor Chamber Size: 235 × 235 mm Sample Tube: $\varnothing 31.5 \pm 1 \times 140 \pm 1$ mm Tube Thickness: 3.2 ± 0.5 mm Power Supply: AC 220V, 50/60Hz Optional Accessories: Crock Liner, Measuring Template & ICI Pilling Tube.	01 Set	
08	Martindale Abrasion & Pilling Tester Brand: DUNLIN/ANYTESTER Origin: China Configuration: 6 Heads The GESTER Martindale Abrasion & Pilling Tester is a precision laboratory instrument designed to determine the abrasion resistance and pilling tendency of woven and knitted textile fabrics. The 6-head configuration allows multiple specimens to be tested simultaneously, improving testing efficiency and consistency. <u>Testing Standards:</u> Abrasion: ASTM D4966, ISO 12947-1, BS 2543, BS 3424-24, BS 5690, BS 8428, ISO 17704, ISO 5470-2, IWTO 40, M&S P19, Next 18, SFS 4328, SN 198529, TWC 112, Volvo 1024-7122. Pilling: ASTM D4970, ISO 12945-2, M&S P17, M&S P18C, Next TM26, SN 198525, Woolmark TM196.	01 Set	

SL	Specifications	Quantity	Image
09	Textile Tensile Strength Tester Brand: DUNLIN/ANYTESTER Origin: China Product Introduction Textile Tensile Strength Tester is a high-precision testing instrument designed for evaluating the mechanical properties of textiles and various flexible materials. It is suitable for tensile, tearing, bursting, peeling, fixed elongation/load, elastic recovery, seam slippage, modulus, and single yarn strength testing. The instrument is widely applicable for textiles, non-woven fabrics, geotextiles, zippers, rubber, leather, footwear materials, metals, and building materials. Standard Features Touch-screen operation with Chinese/English menus, built-in thermal printer, professional computer analysis software, programmable test methods, automatic clamping positioning, high-precision bidirectional sensor, pneumatic specimen clamping, and comprehensive overload, limit, and safety protection systems. The AC servo drive and precision ball screw provide stable movement, low noise, and accurate testing. Technical Specifications • Force Range: 50–2500 N (2500 N optional) • Speed: 0.1–500 mm/min • Force Accuracy: $\leq \pm 0.2\%$ F.S. • Elongation Resolution: 0.01 mm • Working Space: 600 mm • Sampling Frequency: 2000 Hz • Pneumatic Clamping with Foot Switch • Power: AC 220 V, 50 Hz • Dimension: 430 × 480 × 1500 mm • Weight: 55 kg • Standards: ISO 13934, ISO 13937, ISO 13935, ASTM D5034/D5035, ASTM D2261, ASTM D5587 and other applicable textile testing standards.	01 No	

10 Electronic Crock meter, Brand: ANYTESTER/ DUNLIN Origin: China. Rubbing head diameter 16mm, Vertical pressure 9N+/- 10% Rubbing head track 104/100mm (Can be adjust) Dimension 620 x 310 x 370mm (L x W x H) Weight 11kg Standards : BS 1006 D02 BS 4655 ISO 105 x 12/D02 AATCC 8/165 Accessories AATCC rubbing cloth pack of 1 Sand paper pack of 2 Rings pack of 2	01 No	
11 Garments washing Machine(Sample), COO: China, Brand: BOSCH/ANYTESTER Type: front loader, Capacity: 8 kg, Color: White Automatic washing machine with ISO standard, up to 1400 RPM automatic Eco Silence Drive™: quiet operation and Durability that you can rely on. • Speed Perfect: perfectly clean in up to 65% less time. • Wave Drum: especially gentle and efficient washing thanks to a Unique drum structure. • Active Water™ Plus: reduced water consumption and costs thanks to a sensor-controlled, step less automatic load adjustment system. • Reload function: allows you to add any forgotten item comfortably While washing. • Drum Clean with reminder function: programme for cleaning and maintaining the drum.	01 No	

12 Whisker Machine, COO: China, Denim Jeans Whisker Machine Model: 3D Whisker / Denim Whisker Machine Brand: Concorde/Minglang <u>Product Introduction</u> The Denim Whisker Machine is designed for producing whisker, fading, crease and 3D worn effects on jeans and denim garments. It provides controlled and repeatable processing while reducing manual finishing work. The machine is suitable for denim washing plants, garment factories and finishing departments. <u>Standard Features</u> Suitable for Jeans & Denim Garments 3D Whisker Effect Processing Adjustable Processing Time Temperature/Pressure Control Suitable for Different Garment Sizes Easy Operation & Maintenance Strong Industrial Construction Consistent Finishing Effect <u>Technical Specifications</u> Machine Type: Denim Whisker Processing Machine Application: Jeans / Denim Garments Processing: Whisker & 3D Crease Effect Operation: Semi-Automatic Control: Digital Control Panel Power Supply: 380V / 3 Phase / 50Hz	01 No	
13 GSM Balance+ Cutter Brand: ANYTESTER/AND, COO: China/ U.A.E <u>Specifications:</u> • Capacity: 0.01 g to 600 g • Readability: 0.01 g • Working Voltage: DC 12V • Operating Temperature: 100°C – 400°C <u>Features:</u> • High precision measurement with stable performance • Compact and user-friendly design • Suitable for laboratory and industrial applications • Fast response and accurate results	01 Set	

14 Portable Spray Gun WADFOW Cordless Spray Gun Model: WSU3066 Brand: WADFOW Origin: China Type: Cordless Spray Gun Voltage: 20V WADFOW WSU3066 Cordless Spray Gun Product Introduction The WADFOW WSU3066 is a compact 20V cordless spray gun designed for convenient and efficient paint spraying applications. It provides adjustable spraying performance and is suitable for various coating and painting tasks. The official specifications confirm a maximum flow rate of 650 mL/min and maximum viscosity of 100 DIN-s. Technical Specifications Spraying Pressure: 0.1–0.2 Bar Maximum Flow: 650 mL/min Maximum Viscosity: 100 DIN-s Container Capacity: 800 mL Voltage: 20V Viscosity Measuring Cup: 1 Pc Nozzle Cleaning Needle: 1 Pc Battery & Charger: Sold Separately Packaging: Carton Box	01 No	
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