



GOVERNMENT POLYTECHNIC, NAGPUR

(An Autonomous Institute of Government of Maharashtra)

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No.GPNG/QUOT/Textile/2021-22/1012

Date: 03/03/2022

TO,

1. List Attached -----
2. Copy to Notice Board & Institute Web Site.

Subject :- Quotation for supply of Textile Machinery and Equipment

Sir,

Quotations are invited for the supply of items given in the list attached herewith subject to conditions specified below.

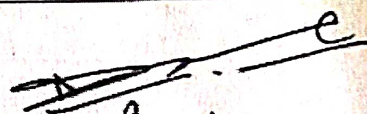
01. Quotations should be typed with rates in figure and words. Quotations should be sent in an envelope duly sealed and super scribed as QUOTATIONS FOR THE SUPPLY OF - Textile Machinery and Equipment So as to reach this office latest by 19th March 2022 up to 3.00 P.M. Quotation will be opened on dated 19th March 2022 at 05.00 P.M.
02. Supply will have to be completed within 30 days from the date of issue of order for the supply. If this period is not acceptable for any or all items, the delivery period should be clearly stated in quotations which may not necessarily be acceptable.
03. Supply will have to be made at the premises of Department of Textile Manufacture, Government Polytechnic, Nagpur in case of local suppliers.
04. Quotations from outstations suppliers should be F.O.R. destination.
05. Rates quoted should be **inclusive of all taxes, VAT, freight, carting charges, insurance, packing and forwarding charges** and any other surcharges, If taxes are extra then admissible rate of taxes should be clearly stated in your quotation.
06. Items quoted should be of the best Quality and should indicate specifically the make, name of manufacturer and should be in conformity with our specifications.
07. If any substitute or equivalent items are quoted then detailed specifications should be specified, attaching catalogues, leaflets etc. Items quoted should have warranty of minimum two years.
08. Your quotations and offer of supply should remain open for acceptance for Six months from date of opening of the quotations.
09. The entire responsibility of the safety of goods in transit and up to the place of delivery will be that of supplier.
10. Payment will be subjected to delivery of good in good condition, inspection and approval of the undersigned, after making deduction if any, in respect of short supply, damages penalty etc.

11. Bills must be submitted to the undersigned in triplicate within a week after supply of goods.
12. In no case the payment in advance will be made through Bank. The payment will normally be made by demand draft to the suppliers outside the Nagpur and the supplier will have to collect the cheque /amount from the institute during the working hours.
13. Undersigned reserves the right of withholding full or part payment for the supply not made according to the conditions and specifications of the materials. (Supplier will have to take back rejected material in part or full from the premises of institutions.)
14. The undersigned shall not incur any liability to pay interest for delay in payment of bills for any reasons what so ever.
15. Your Representative may attend if desired by you, at your cost, at the time of quotation opening.
16. The receipt of this letter should please be acknowledged.

List of Items.

Sr. No.	Description of Items	Required Qty.	Rate Per Unit.
01	Rapier Weaving Machine	01	
02	AccuCrimp Crimp Length Tester	01	
03	Faby Count Beesley's Balance	01	
04	Grey Scale	01	
05	GSM Cutter with Balance	01	
06	Pick Glass – Normal	05	

Detail specifications on overleaf


 (Dr.M.B. Daigvane)
 Principal
 Government Polytechnic,
 Nagpur

1. Indian Rapier Weaving Machine Specification

1	1 New Rapier Loom
2	Widthj – 200 CM
3	4 Colour
4	14 Shaft Mechanical Dobby

Accessories	
1	Accumulator
2	12 Healdframes
3	1 Beam Flange Dia – 60
4	4000 Headwires
5	4000 Droppers
6	1 Cloth Roll
7	1 Reed

Excluding -	
1	GST 18 %
2	Transport
3	Instalation

2. Crimp Length Tester Equipment with following Specification.

1	Generic Name	Crimp Length Tester
2	Test Category	Fabric
3	Industry Usage	Weaving and Knitting
4	Features	<ul style="list-style-type: none"> • Determine actual yarn usage and bulkiness in fabrics. • Latest economic design with modern esthetics. • Simple operation. • Supply with a straightening tension check weight.
5	Maximum Test Length	600 mm (2 Feet)
6	Maximum Elongation	150 mm
7	Tension load	Up to 175 gram
8	Physical Dimensions	Size(WDH) : 910 x 80 x 70 mm Weight : 2 kg

3. Beesley's Balance Equipment with following Specification.

1	Generic Name	Beesley's Balance
2	Test Category	Fabric
3	Industry Usage	Weaving, Knitting, Apparel, Garments and Buying Houses
4	Features	<ul style="list-style-type: none"> • Estimate linear density of yarn obtained from small pieces of fabrics. • Ergonomically designed; table top model; direct count balance for accurate results. • Principle of moment method, supplied with a set of hook weights and template in a cabinet. • Stainless steel template with Cotton, Linen, Wool-skein and Worsted counts.
5	Measuring principle	Moment method
6	Sampling	With Template
7	Leveling	Leveling knob
8	Cotton	109.72 ± 0.1 mm
9	Linen	39.1 ± 0.1 mm
10	Wool-skein	33.34 ± 0.1 mm
11	Worsted	72.9 ± 0.1 mm
12	Physical Dimensions	Size (WDH) : 300 x 160 x 240 mm
13	Weight	5 Kg

4 Grey Scale ISO (Color Change & Staining Scale) Equipment with following Specification

1	Generic Name	Perspiration Tester
2	Test Category	Fabric
3	Industry Usage	Dyeing, Finishing, and Buying
4	Features	<ul style="list-style-type: none"> • Determine the color fastness of textile against water and perspiration (applicable to dyed, printed or otherwise colored textile fibers, yarns and fabric of all kinds). • Sturdy high grade stainless steel construction. • Dual plates, compensating springs, loading weights are made as per standard requirement • Easy, comfort and focal point placement of loading weights ensures even pressure distribution throughout the sample
5	A Capacity :	21 samples
6	Loading weight "A" (AATCC)	3.63 kg (8.0 lb)
7	Additional weight "B" (For ISO)	0.56 kg (A+B = 12.5 kPa on sample)
8	Weight of Dual plate assembly	0.91 kg (2.0 lb)
9	Size of Acrylic separator plate	60 x 115 x 1.5 mm
10	Test specimen size	1) (60 x 60) ± 20 mm for AATCC 2) 40 x 100 mm for ISO & BS
11	Multi fibre test fabric size	1) (60 x 60) ± 20 mm for AATCC 2) 40 x 100 mm for ISO & BS
12	Physical Dimensions	Size(WDH) : 250 x 90 x 200 mm Weight : 8 kg

1	Generic Name	GSM Cutter
2	Test Category	Fabric
3	Industry Usage	Weaving, Knitting, Apparel and Buying Houses
4	Features :	<ul style="list-style-type: none"> • Prepare circular specimens for determining the fabric yield in g/m² (GSM) accurately. • Suitable for woven, Non-woven and knitted fabrics. • Ergonomically design with modern aesthetic. Manually operated, fixed diameter, mono-body aluminum alloy structure with controlled mass. • Quadrangle blade mechanism for rapid and accurate cutting. • Equipped with safety catch lock and replaceable & reversible blade arrangement for extensive usage. • Suitable for cutting any type of material including film, form, carpet, paper and leather. • Special grade cutting pad for longer self-life and blade usage.
5	Cutting size	Φ 112.82 mm (4.44 inch)
6	Accuracy	± 0.2 mm
7	Cutting depth	5 mm
8	Cutting / Specimen area	100 cm ² (1/100th of a square meter)
9	Cutting blade	4 Nos. Replaceable and reversible tool-steel blade
10	Cutting pad	Special grade form pad of 12" x 8" sized
11	Applicable Standard(s)	ASTM D2646 / D3776, BS 2471 / 3424, IS 1964 & ISO 3801
12	Physical Dimensions	Size(WDH) : 300 x 200 x 150 mm (when placed on pad)

6 Pick Glass Equipment with following Specification

1	Generic Name :	Pick Counting Glass
2	Category:	Fabric
3	Industry Usage :	Weaving and Knitting
4	Features:	<ul style="list-style-type: none"> • Determine the number of threads per cm or inch in textile fabrics. • Light weight for mobility. • Inbuilt one by one scale with pointer for accurate counting. • Smooth, precision-engineered component for exceptional performance. • Fiber body for lightweight & durability.
5	Capacity / Range	30 mm
6	Slot dimension	One inch by One inch
7	Outer body	Black Fiber Body
8	Weight:	50 gram

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