

List of Machineries

SI No	COMPONENT	Technical Specification	Quantity to be purchased	Rate	Amount
1.	Handloom with provision of upgrading to Jacquard fitting	60" (" inches) Fly Shuttle frame loom (1.50 meters) of 2.10 mtrs (7ft), Length sley having 50 cm (20")shuttle boxes with necessary sley race and reed cap made of Bansum/ Sal kath (timber) with pulley bar warp and cloth beams, Front and back rest, 5 treadles etc, The shuttle guard should be separate pieces but bindedwith good picking handles & picker should be included in the sley ,Front Post 4"x4" X 7 ft, Middle post 4"X3"X 7 ft., Back post 4"x4"X3.5 ft, Side bar 3"x 2" x standard size. Wooden heald stick made of bansum/sal kath . Ball bearing handloom jacquard machine with 120 hook capacity with jacquard mounting box/ frame with lever made of bansum, Punching plates for 120 hook ball bearing jacquard machine with puncher and hammer, Sirakh, Harness cord,Lacing card, Design card,Wooden temple pair 60" loom, Handloom shuttle, Plastic Pulley, Reed Hook made of brass warpers bobin 15 cm X 3.75 cm (6"x0.5"), weff pirn 10 cm (4") long, Wire heald (2500eyes), Steel- reed 60"X52 c, Nylon rope, Heald cord ball, winding charkha, complete draw bay set to fit on 60 " loom consisting of 120 sirakh, Nangal 1 pair, country heald 60"X 52c, all complete with installation.	60		
2.	Wooden Handloom	Wooden frame looms – (60" width) (whole set) Vertical wooden pillar- Good quality wood-4" x 4" – 6'(4 nos), Side cross frame - Good quality wood - 3" x 2" - 6'(8 nos), Back rest - Good quality	90		

		<p>wood- 3"x1 1/2" – 6'(1 no), Front rest- Good quality wood- 3' x 1 1/2" – 6'(1 no), Warp (Cylindrical)- Good quality sal Wood- 4" dia – 6'(1 no), Cloth Roller (Square)- Good quality sal- 4" x4"x 6'(1 no), Sley Race (Reed Space- 60", Shuttle box -15" x 2 Nos, Side frame -3" x 2 Nos)- Good quality Teak wood - 3" x 2" x 7 (1 no), Sley Sword - Good quality sal Wood-3" x 1 1/2" – 3 1/2'(2 nos), Reed Cap - Good quality sal Wood- 2" x 1 1/2" – 5'(1 no), Cross frame of sley (Top)- Good quality sal Wood- 3" x 1 1/2" – 6 1/2'(1no), Cross frame of sley (Middle)- Good quality wood- 2" x 1" – 5'(1 no), Jacquard stand side cross frame- Good quality wood-3" x 1 1/2" -6'(2 nos), Comber Board stand- Good quality wood- 2 " x 1 1/2" – 2'(4 nos), Treadles- Good quality wood- 4" x 1 1/2" – 5'(2 nos), Long treadle- Good quality wood- 2" x 1 1/2"-7'(1 no), Treadle stand- Good quality wood- 3" x 1 1/2" - 9"(2 nos), Weaver Seat- Good quality wood- 9" x 1 1/2" – 7.5'(1 no), Weaver Seat supporting frame - Good quality wood- 3" x 1 1/2" – 2'(2 nos), Roller- Good quality wood- Suitable for 60" width(1 no), Temples length equal to fabric width - Good quality wood- Suitable for 60" width(1 no), Long arm- Good quality wood- 2"x 3/4"x 4 1/2'(8 nos), Short arm- Good quality wood- 2"x 3/4"x 4'(8 nos), Tumbler lever- Good quality wood- 1 1/2" x 3/4" x 1 1/2(16 Nos), Tumbler lever stand- Good quality wood- 2"x2 1/2" – 6 1/2'(2 nos), Heald shaft - Good quality wood- Suitable for 60" width(8 Nos), Suitable Bolts & Nuts and small parts if any as per requirement, all complete with installation.</p>			
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3.	Warping Drum(2.5 Mtr)	Horizontal sectional warping drum complete with creel of 100 bobbins capacity hack fram, beaming stand and weight box all made of sal kath timber with 2.5 meter circumference. Wrapping Drum (sectional) for 1.50 mtr for 60" loom frame	6		
4.	Spinning Machine	8 spindles Ambar Charkha Operatable manually and by electricity specified with motor cum paddle with all accessories. One set of Machines should consist of Coarse Fillet-Motorized-One No., Fine Fillet Motorized-One, Tape Draw Frame-Motorized-One, Roving Frame-Motorized-One, Fiber cutter.	50		
5.	Calendaring Machine	Fully Automatic Textile Calendering Machine, Running Speed 5-30m/min, pressure- 2-35 ton, Temp- Max 180*C, Roller face 600-3800mm, Top Bowl- Dia 200 mm, Bottom Bowl – Dia 460mm, Heating Elements – Electric (Pipe Heater), all complete with Installation.	01		
6.	Yarn Storage Racks	Pre-painted steel storage hollow racks having multiple compartments for storage of yarn's and other products, having individual hollow compartments/chambers measuring 0.6mX0.4mX0.35m	50		
7.	Yarn Dyeing Machine	Automatic Electric Yarn dyeing machine, capacity – 300kg/batch, Max Kier Pressure – 4 Bar, Max design Temp – 140*C, Heating Gradient – 25*-130*C approx at 5*C/min(dry saturated steam pressure at 7 bar, Cooling gradient- 130*C- 85*C approx at 3.5*C/min(Cold water of 25*C at 3 bar), all complete with installation & trial run at site.	02		
8.	Working Tables, stools & wooden chairs	Steel working tables of durable quality measuring, (2.5mX1mX1.2m), good	Steel Tables – 10, Steel Stools- 50,		

		quality wooden chairs & steel stools having a height of 0.8mts (0.3m dia)	Wooden chairs – 40		
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