

Schedule of supply

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1. List of Goods and Related Services

Package Name: Supply of Architecture Asst. Lab Equipment's for Government Polytechnic (Women), Rehan Distt. Kangra to enhance technical and vocational skills among the youth of Himachal Pradesh. HPSDP-DOTE/WP/09; RFQ No. GP006/2020

Lot No: 1									
Lot Name: Stationary and Drawing Items								Delivery Time (in days): not more than 180	
Item No	Name of Goods or Related Services	Description	Unit of Measure -ment	Quantity	Unit Price INR	Total price per item INR	Sales and other taxes per item	Total Price (Including GST)	Remarks (Please mention Page Number of detailed information brochure having make and model no.)
1	2	3	4	5	6	7= 5*6	8= 7*@GST%	9=7+8	
1.	French Curves drawing / draughting stencils	French Curves drawing / draughting stencils set of 12 dimensions 170 x 68 x 2 mm inking edges made from clear plastic	set	2					
2.	Stencils set	<ul style="list-style-type: none"> Stencils set: - The transparent, yellow-tinted material leaves even the finest of lines clearly visible through the template Robust and non-warping, with perfectly formed, true-to-standards symbols. Lettering stencil for fibre-tip pens and fine-lead mechanical pencils 1mm to 12 mm character height 	set	2					

3.	Triangular Scale Engineering Ruler	• Triangular Scale Engineering Ruler:- Made of white plastic with precision divisions and has color coded sides of red and yellow Triangular Scale ratio (1:10 , 1:20 , 1:25 , 1:33 , 1:50 , 1:75 , 1:100 , 1:200 1:250 , 1:500 ,1:750) , Dimension : 30cm	set	2					
4.	Triangular scale Architectural Ruler	Set of Triangular scale Architectural Ruler :- 3/32 " , 3/16",1/8",1/4",1/2",1" , 3/8" , 3/4" , 1.5" & 3"	set	2					
5.	Circle Draughting Template stencils	Circle Draughting Template stencils:- Contains symbols & circles from 1 mm to 45 mm . Dimensions of template 250 mm x 131 mm . Thickness 1.5 mm ,fragile	set	2					
6.	Scale Ruler	Scale Ruler: - Stainless steel double sided engraved scale ruler of size 30 cm x 2.6 cm metric unit 0 to 30 cm on one side & Imperial unit 0 to 12" on other side. Accuracy to 1 mm , 0.5 mm.	No.	6					
7.	Scissors	Scissors: - 5" stainless steel. Blades with	No.	2					

		blunt tip designed for safety							
8.	Cardboard cutters	Cardboard cutters:- Heavy duty cutter ideal for thicker cuts	No.	5					
9.	Calligraphy Pen Set	Calligraphy Pen Set:- A complete calligraphy set that is perfect for beginners. The set will contain four beautiful pens with a faux-marble finish and comfort grips,	set	2					
10	Draughting/ Technical Pens	<ul style="list-style-type: none"> Draughting/ Technical Pens:-Professional Quality Tubular Nib Technical Pens Refillable Ink Reservoir For Use on Tracing Paper Available in 0.18, 0.25, 0.35, 0.5 and 0.7mm Nib Sizes 	set	2					
11	Engineering Instrument Box	<ul style="list-style-type: none"> Engineering Instrument box :- Plastic box measures approx. 24 x 12 x 2.2 cm Some wear to box, tray and liner Blue plastic chipped away to side of hinges - does not affect working of hinges when opening/closing box Front clasp good 	set	3					

12	Sketch Pens	<ul style="list-style-type: none"> • Sketch Pens:-Pack of ten multicolour size :- small size Contains 40% more ink and lasts longer. Child safe-food-grade ink. 	set	2					
13	Pencil Colours	Pencil Colours: - One set containing 48 colours (Multicolours) standard size water colour pencils with spiral lines. Fade resistant excellent coverage . Smooth & soft leads. Break resistant leads , extra bonded easy to sharp	set	2					
14	Colours Pallets	<ul style="list-style-type: none"> • Colours Pallets:- Super white suitable for water/ acrylic/poster/ oil colour • Rounded corners for easy and clean wash • Mountable. 16 colour compartments • 8 Mixing and 2 water storing compartment Size: 338mm x 230mm 	set	5					
15	Water Colours	<ul style="list-style-type: none"> • Water Colours:- 12 ml x 12 different colours Strong And Brilliant Colours Transparent Colours Painting 	set	5					
16	Crayons	<ul style="list-style-type: none"> • Crayons:- 48 water colour (multicolours) 	set	5					

		pencils . Soft vibrant colour pencils Water soluble colour pencils Break resistant Lead							
17	Painting Brushes	•Painting Brushes Set:- Hog bristle for oil and acrylic Long handle made of birch wood Aluminium ferrule	set	5					
18	Photographic Mount Board	•Photographic Mount Board:- Pack of ten , a smooth white backing board. Use for economical framing Recommended for artwork that requires preservation Mounting material	No.	500					
19	Drawing Sheets	Drawing sheets :- 250 gsm , Size 56 cm x 76 cm , multipurpose product that combines the characteristics of watercolour and acrylic papers with those of drawing papers.	No.	500					
20	Stapler Large Size	Stapler Large Size With Pins Chromes Staplers made of Non Rust Metal. Tough plastic body and zero pressure application. With its stylish finish and Eye soothing	No.	2					

		colour, it enhances your office table.							
21	Stapler Small Size	Stapler Small Size with Pins	No.	5					
22	Sheet Cover Cylindrical	Sheet Cover Cylindrical – Drawing tube, draft tube, drafting tube, large size, heavy duty plastic with a carrying strap. 71.5cm in length, extending to 129cm, 8cm internal diameter. For safe carrying of plans, drawings etc. An adjustable shoulder strap ensures extreme portability, which makes the the tube perfect for students and professionals who use blueprints and charts.	No.	2					
Total (Lot 1)									

Lot No: 2									
Lot Name: Samples & Other items								Delivery Time (in days): not more than 180	
Item No	Name of Goods or Related Services	Description	Unit of Measurement	Quantity	Unit Price INR	Total price per item INR	Sales and other taxes per item	Total Price (Including GST)	Remarks (Please mention Page Number of detailed information brochure having make and model no.)
1	2	3	4	5	6	7= 5*6	8= 7*@GST%	9=7+8	
1.	Samples of wood	Set of Different types of wood such as Teak, Deodar, Sheesham, Sal, Mango of Size 100mm x 100 mm (one item each)	set	1					
2.	Samples of Plywood	Set of Different types of ply wood 100 mm x 100 mm (one item each)	set	1					
3.	Samples of Laminates	Set of Different types of Laminates 100 mm x 100 mm (one item each)	Set	1					
4.	Samples of glass	Set of Different types of glass samples such as tinted Glass, Toughened Glass, Laminated Glass, Glass Block, Float Glass size 300mm x 300mm (one item each)	set	1					
5.	Samples of fasteners and adhesives	Set of Different types of fasteners consisting dozen no. Of nails,Nuts Bolts, Screws,& adhesives Hot Glue, Spray adhesives, epoxy as per availability in market(one sample each)	set	1					

6.	Samples of paints	Set of Different types of paints such as Oil Paint, Enamel Paint, Emulsion Paint, Bituminous Paint, Aluminium Paint, Anti Corrosive paint, Plastic Paint (one bottle/bucket each)	set	1					
7.	Samples of sanitary wares	<p>Set of Different types of following sanitary ware with complete accessories (one item each from A to I)</p> <p>A. Ceramic Wall Mounted S Trap Closet:- Installation Type: Wall Mounted Color: White Dimension: 220mm Trap Type: S Trap Material: Ceramic</p> <p>B. Stainless Steel Sanitary Ware Fittings, for Bathroom Fitting:- Towel hanger , Soap case , Tooth Brush holder& towel tray made up of SS304 Material</p>	set	1					

		<p>C. Brass 2 In 1 Mixer With Wall Flanges Connecting Legs And Bend (Chrome Finish):- Size (L x B x H): 10 CM X 10 CM X 10CM Material: Brass</p> <p>D. Diverter Full Set Material: Brass, Overhead Shower Set Material: Brass+SS-304 Grade, Hand Shower Set Material: ABS+SS-304 Grade</p> <ul style="list-style-type: none"> • Package Content: 1-Piece Concealed Body Diverter, 1-Piece Exposed Part Kit, 1-Piece Bath Tub Spout, 1-Piece 8X8 Overhead Shower, 1-Piece 18-inch Brass Arm, 1-Piece Hand Shower, 1-Piece SS-304 Grade 1.5 Meter Flexible Tube, 1-Piece Wall Hook • Overhead shower: rain flow and touch-clean, hand shower: 5-function with mist and massage flow • Chrome plated solid brass. 0.3 to 0.5 micron chromium plating, casting: 100 % virgin brass ingots certified for 63 % Copper to ensure flawless casting, a good ceramic cartridge lets 							
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		<p>you conveniently open or stop water flow from the spray head</p> <p>E. BIDET</p> <ul style="list-style-type: none"> • Battery type • Colour :- white • Dimensions:-45.72 X 20.95 X 8.89 CM <p>F. Brass and Stainless Steel Homeware Long Body Tap with Foam Flow and Improved Quality (12x3.5x6.5cm, Silver)</p> <ul style="list-style-type: none"> • Material: Stainless Steel and Brass • Installation Type: Wall Mounted (This means it is only suitable for wall mount) it is only suitable for wall mount) • Box Contains: 1 X Tap, 1 X Flange Free • Threading Size: 0.5" inch 							
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		<p>G. Ceramic Wall Hung/Table Top Premium Ceramic Wash Basin/Vessel Sink Slim Rim for Bathroom Size:- 19X15X7 INCH Made using high quality material Colour:- white</p> <p>H. URINAL Wall Hung Urinal. Size : 260X345X675 mm. 0.5 L.Water. Consumption. Features. Compact design with privacy. super. smooth, ion barrier glazing for. a clean urinal. shields. Powerful wash down flushing. Integral trap. action. Complete with all accessories</p> <p>I. INDIAN WATER CLOSET Colour: - White Type: - Indian Shape: - Elongated Mount Type: - Floor mount Dimensions: -Width – 50 cm Height- 30 cm & depth – 45 cm</p>							
8.	Samples of building stones	Set of Different Types of Building Stones such as	set	1					

		Marble, Granite, Kota Stone, Slate, Sandstone, Limestone etc. in size of 300mmx300mm							
9.	Samples of building bricks	Set of Different Types of Building Bricks such as Burnt clay brick, Fly Ash Brick, Concrete Brick, Sun Dried/Unburnt Brick (as per standard size available in market)	set	50					
10.	Samples of electrical fittings	Set of Samples of electrical fixtures & fittings, conduits, wires & conducting materials minimum (one item each)	set	1					
11.	Samples of plumbing	Set of Samples of Plumbing fixtures to be installed as working prototype consisting of item listed below (one item each) Pipes: - GI pipes With Screw & Socket OR With Plain Ends Size Range: ½" to 6" NB CLASS: A, B, C Class Grade: 1239/I OR BS: 1387 CLASS A, B OR C, shape Round, Colour Silver, Material GI. OR Material PPR, Pipe Class Schedule 80, shape Round Fusion Welding, Butt Welding, Electro Fusion Welding Connections, Green/ Grey colour, Fusion Welding, Butt Welding, Electro	Set	1					

		<p>Fusion Welding Connections.</p> <p>Elbow:- Size ½ Inch, Material GI, Fitting Type Elbow, End connection type Buttweld, Connection Type Female OR Size ½ Inch, Material PPR Brass, Fitting Type Elbow Green/ Grey Colour, Fusion Welding, Butt Welding, Electro Fusion Welding Connections.</p> <p>Ferrule Cock:- Size ½ Inch, Material Brass, Surface Finishing Polished.</p> <p>Tee:- Size ½ Inch, Material GI, End connection type Buttweld, Connection Type Female OR Size ½ Inch, Material PPR Brass, Fitting Type Tee, Green/ Grey Colour, Fusion Welding, Butt Welding, Electro Fusion Welding Connections.</p> <p>Union:- Shape Hexagon, Size ½ Inch, Material GI, Surface Finishing Zinc coating.</p>							
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		<p>Reducing Socket:- Size ½ Inch, Material GI, Connection Type Female Precise strength, Rust protective body, Solid structure OR Size ½ Inch, Material PPR Brass, Fitting Type Reducing Socket, Green/ Grey Colour, Fusion Welding, Butt Welding, Electro Fusion Welding Connections.</p> <p>Coupling Socket:- Size ½ Inch, Material Hot galvanised with thick uniform zinc coating, End, Connection Type Female, Accurate threading perfectly angled to 180°, Superior grade malleability to ensure crack free installation. OR Size ½ Inch, Material PPR, Fitting Type Socket, Green/ Grey Colour, Fusion Welding, Butt Welding, Electro Fusion Welding Connections.</p> <p>Nipple:- Size 3/6/9 Inch, Material Grade A CLASS OR B CLASS, Material Galvanized Iron</p> <p>Plug and Cap:- Shape Round, Size ½ Inch,</p>							
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		<p>Material GI, Plug type Hollow Plug.</p> <p>Valve:- Size ½ Inch, Material Cast Iron, Plug type Hollow Plug. Low maintenance Longer lasting Easy installation End connection type Socket type.</p> <p>Cross:- Size ½ Inch, Material GI, Connection Type Female, Customized tread Size</p> <p>Ball Float Valve:- Size ½ Inch, Material Brass, Connection Type male,</p>							
12.	Samples of false ceiling materials	Set of Sample of false ceiling materials such as Gypsum Board 300mm x 300mm, M.S. Flat 1500 mm long, MS Tubes of 18G Thickness and 2000mm length, Chicken wire mesh covering size of 1200mm x 1200mm, POP 20 Kg	set	1					
13.	Samples of floor finishes and wall finishes	Set of Sample of floor finishes & wall finishes Floor Tiles of size 300mm x 300mm (vitrified), Marble, Kota Stone and Wooden floor tiles of size 300mm x 300mm, Ceramic Wall tiles of size 200mm x 100mm, Wall Paper of size	set	1					

		2000mm x 1200mm (one item each)							
14.	Samples of false ceiling fixtures & finishes	Set of Sample of false ceiling fixtures & finishes (one item each)	set	1					
15.	Samples of building hardware	Set of Sample of building hardware made up of stateless steel SS304 (Hinges, Hangers, Bolts, bars, brackets) (one item each)	set	1					
16.	Samples of Acoustical materials	Set of Samples of Acoustical materials having size 2'-0" x 2'-0" (one item each)	set	1					
17.	Samples of Thermal Insulating Material	Set of Sample Of Thermal Insulating Material having size 2'-0" x 2'-0" (one item each)	set	1					
18.	Samples of cork sheet	Set of Samples of cork sheet(one item each)	set	1					
19.	Samples of acrylic sheet	Set of Samples of acrylic sheet(one item each)	set	1					
20.	Samples of Steel Trusses	Set of Steel Trusses King Post & Queen Post only (proto type) having size 3'-0" in length and 2'-0" in height (Different Types) (one item each)	set	1					
21.	Samples of Rolled steel sections Section/M.S. Flat	Set of different Rolled steel sections Angle sections. Channel sections. T- sections. I-sections. Round bars.	set	1					

		Square bars. Flat bars. Length of each sample IS 2'-0"							
22.	Samples of Aluminum Models of Doors/windows/Partition	Set of samples of Aluminium Models of Doors/windows/Partition Door: - Sample Size width 2'-0" & height 4'-0" made up of Aluminium section of size 4" x 1.25" using gauge 14 and complete with all other accessories Window: - Sample Size width 3'-0" & height 3'-0" made up of Aluminium section of size 2.5" x 1. 5" using gauge 14 and complete with all other accessories Partition wall: - Sample Size width 3'-0" & height 3'-0" made up of Aluminium section of size 2.5" x 1. 5" using gauge 14 and complete with all other accessories	set	1					
23.	Solar Chart	Set of Solar Chart	Set	5					
24.	Sun Chart	Set of Sun Chart	Set	5					
25.	Charts	Set of Charts/Drawings Of Old Monumental Buildings	set	10					
26.	Furniture Templates set	Set of Furniture Templates set:- Furniture	set	2					

		designing templates set of three (1:50 , 1:100 , 1:200) transparent orange plastic having design layouts for various Architectural spaces							
27.	Sanitary lay out Templates set	Set of Sanitary lay out Templates set:- Sanitary/ Plumbing designing templates set of two (1:50 , 1:100 ,) dimensions 263 mm x 90 mm x 1 mm for 1:50 Scale & 125 mm x 45 mm x 1 mm for 1:100 Scale transparent orange plastic having design layouts for various Sanitary fixtures.	set	2					
Total (Lot 2)									

Lot No: 3									
Lot Name: Machinery and Equipment's								Delivery Time (in days): not more than 180	
Item No	Name of Goods or Related Services	Description	Unit of Measure-ment	Quantity	Unit Price INR	Total price per item INR	Sales and other taxes per item	Total Price (Including GST)	Remarks (Please mention Page Number of detailed information brochure having make and model no.)
1	2	3	4	5	6	7= 5*6	8= 7* @GST%	9=7+8	
1.	Smoothing Plane	"Blade Thickness (in) 3/32 in Blade Thickness (mm) 2.3 mm Blade Width (in) 2 in Blade Width (mm) 51 mm Overall Length (in) 9-3/4 in Overall Length (mm) 248 mm Type Smoothing Width (in) 2-1/2 in Width (mm) 64 mm"	No.	10					
2.	Router Plane	Router Plane- Solid cast iron body, Comfortable grip for precision control, Easily adjustable blade, Blade measures 1/4-Inch wide, Base	No.	5					

		measures 2-3/16-Inch by 4-1/8-Inch							
3.	Electrical Power Plane	"Amperage 6.5 Case Type Heavy-duty plastic Height 6.5" Length 11.125" No Load RPM 16,500 Planing Depth 0" to 3/32" (2.6mm) Planing Width 0" to 3-1/4" Rabbet Depth 5/16" Rabbet Width 3-1/4" Rating 120V AC Voltage 120V Weight 6.3lb Width 6.5" Works With Anti-Static Vacuum Hoses VH1635A (by means of anti-static adapter included with that hose), VAC008, and most other 35 mm anti-static hoses Other Vacuum Hoses VH1035 and VH1635 (by means of VX120 adapter included with those hoses), VAC005 and VAC006 hoses, and most other 35 mm hoses Adapter for 1-1/4 in and 1-1/2 in. "	No.	5					
4.	Hand Saw	"Blade Length (in) 20 in Handle Material lastic/Rubber Overall Length (in) 23 in	No.	7					

		Points Per In 10 in Teeth per Inch 11"							
5.	Tenon Saw	Tenon Saw Features a 16" long, .032" thick blade. Length overall is 21-1/4" including handle, and it has a 3-3/4" depth of cut. Teeth are set at .004" (.10mm) per side. Filed rip at 11 ppi.	No.	5					
6.	Key Hole Saw	"High-carbon, heat-treated spring-steel blade 8-Point teeth design Pistol grip-style ABS plastic handle Blade Length (in.) 10 in Blade Width (in.) 1 Handle Length (in.) 4.5 Product Depth (in.) 1.4 Product Length (in.) 15.1 Product Width (in.) 4.6"	No.	5					
7.	Bow Saw	21" Bow Saw High-carbon, heat-treated spring-steel blade Width: 215 mm, Length: 625 mm, Weight: 500 g	No.	5					
8.	Mortise Chisel	"Overall Length 7 and 6 Inch Material Iron Packaging Size Packet Blade Width 33- 38 mm Finish Brushed with wooden handle"	No.	10					

9.	Firmer Chisel	30mm Firmer chisel, short length, light pattern, bevelled edges, with flat hornbeam handle	No.	10					
10.	Gauge Chisel	Set of 4pcs Wood Gouge Chisel Woodworking Tool Handle Hand Home Carving Set Specifications: Material: Wooden + Ferromanganese Alloys Chisel Type: Gouge Chisel Purpose: Wood Working Length: 230 mm / 9.06 inch (handle length:100mm / 3.94") Size: 6mm/0.23inch, 12mm/0.47inch, 18mm/0.7inch, 24mm/0.94inch Total Weight: 450g	set	10					
11.	Cross Cut Saw	The saw is made from steel with hardness of 44-46 and a thickness of 1.5mm to provide the superior stiffness required when cutting on long strokes. The blade's tooth pattern is the Special Great American specifically designed with gullets to allow waste wood to be cleared while cutting. The handles are solid beech (the auxiliary	No.	5					

		handle included can be used for a two-man version if needed), and the teeth can be re-sharpened with a large triangular file							
12.	Gimlet	Specially made of annealed steel for strength and durability Set of 4 - 3mm, 4mm, 5mm and 6mm (1/8", 5/32", 3/16" and 1/4") with well-seasoned wooden handle	No.	5					
13.	Mallet	Handle Material Wooden Handle Surface Color Coated Material Made of wood. Grade Industrial, Commercial Finish Polished	No.	5					
14.	Claw Hammer	340g Claw Hammer with Handle manufactured by using quality assured material and advanced techniques.	No.	5					
15.	Screw Driver	"Screw Driver Set Material CRV 6150 material of sizes (MM)Slotted: 0.6x3.5x75mm 0.8x4x75mm 1.2x6.5x100mm 1.2x8x150mm Phillips: PH0x75mm, PH1x75mm, PH2X100mm PH3X150mm Pozi:	set	7					

		PZ1x75mm, PZ2x100mm 1-Bit magnetic screw driver for 1/4" Bit(43mm) 20Bits: Slotted:3-4-5-6-7mm Phillips: PH0-1-2-3 Pozi: PZ0-1-2-3 Tox:T10-15-20-25-30-40 1/4" socket holder 9-1/4" sockets metric system 5-6-7-8-9-10-11-12-13mm with handle of PP + TPR Handle Material. CRV material blade with chrome plated & magnetic head. "							
16.	Pincer	Pincer-Standard forward clamp blades on pincers for clamping perpendicular to the application, Rubber handle grips for a sure hold, Forged steel for strength and durability Drop forged from carbon steel hardened jaws. Powder coated. Size 80mm	set	5					
17.	Bench Vice	Bench Vice-Bench vise with swivel base has a 6.5" jaw width to grip a flat surface and provide clamping action for medium-duty	No.	5					

		applications, and has a reversible front jaw that expands the jaw opening from 7" to 11" for larger applications, 360-degree swivel base adjusts the direction of the jaws for proper placement and locks in place.							
18.	Tri square	Tri Square ruler Made of aluminium alloy and stainless steel The scale meets the GB standard Clear and wearable Specification 300mm	No.	10					
19.	Mitre Square	Mitre Square Structo-Cast® handle is durable and lightweight Durable stainless steel blade features etched 1/8" and cm graduations for readability and durability Measures 45° and 90° angles	No.	10					
20.	Painting Gun	Specifications: Maximum Viscosity 50 Din-s , Voltage 220-240V, Power Consumption 500W, Air max Back pressure 0.1-0.2 Bar, Max air flow 380ml\ min, Power cord 2 Mtr. long, Reservoir capacity 800 ml, Nozzle size 2.5 mm, Weight 2 Kg.	No.	2					

21.	Painting Brushes	"Painting Brushes [set of 17] 4 x Angle #12 #10 #5 #2; 4 x Round #7 #3 #1 #2/0, 2 x Flat #11 #6; 2 x Filbert #9 #4; 1 x Oval wash #8; 1 x Script liner #3/0 & 1 x Fan brush #0, 1 x Painting Knife and 1 x Sponge. Made by wooden handle it provides the perfect combination of balance and comfort." "	set	10					
22.	Flexible Steel Tape (3 mtr)	"Flexible Steel Tape (3 mtr) Material: Plastic & Steel Ruler Material: Steel Scale: 3 Meters"	No.	10					
23.	Multipurpose Planer	"Multipurpose Planer- Powerful 6-1/2-Amp motor heavy sanding and extended tool life, variable speed to match speed to any work piece and vacuum port for dust free sanding, Turbo Mode for aggressive, fast stock removal, random orbit mode for fine swirl-free sanding, Constant response circuitry maintains pad speed under heavy loads and protects	set	1					

		against overload 6-by-12-Inch; 5.3-Pound; Motor Single phase motor Automatic Grade Manual Power 3HP Material Stainless Steel Power Source Electric Cutting Blade Size (Inches) 12"							
24.	Mitre Saw Machine	"Mitre Saw Machine Saw blade diameter 254mm Bevel setting 45 ° L Cutting capacity, 0° 89 x 89 mm Cutting capacity, 45° mitre 62 x 130 mm Cutting capacity, 45° incline 86 x 67 mm No-load speed 4,800 rpm Saw blade bore diameter 25.4 mm Weight 16.08 kg Rated input power 1,700 W"	No.	1					
25.	Paper Cutting Machine	Paper cutting machine: Cutting Capacity 40 mm (Sheet Thickness) Size A3 Cutting Mode Manual Model Number 868A3 Material of Paper cutter Steel Base Plate Iron Packaging Size 70 x 53.5 x 35 cm Net Weight 35 kg Gross Weight 36 kg Maximum cutting size 41 x 43 cm. Usage Manual Paper Cutting	No.	1					

26.	Plumb Bob	Plumb Bob Material Mild Steel Item Weight 500 Gram Shape Cone Finishing Golden Plating with rope 1.2m. long	No.	5					
27.	Spirit Level	Spirit Level (Big Size)- Heavy-duty aluminium frame Open, top-read vial Non-marring feet can be used on finished surfaces without damage, Water resistant for use in wet or humid conditions. Bi-material body with rubber ends for shock absorption Dimensions: 8.86 in x 1.57 in x 0.67 in (22.5 cm x 4.0 cm x 1.7 cm) - Weight: 3.00 oz (85 g) - Color: Yellow Facilitated by the technically advanced process, Magnetic Spirit Level	No.	4					
28.	Trowels	Set of Trowels of Different Types- Fine polishing treatment High grade forged steel blade Durable hard wood handle	set	4					
29.	Concrete mixing tray	Size 3'-6" x 3'-6" Material – M.S. with handle both side	No.	3					
30.	Steel Float	Steel Float is smooth, spread and also for finishing of cement. Size	No.	3					

		of steel float is 250 x 100 mm							
31.	Mason Hammer	Mason Hammer Handle 600Gm Heavy duty carbon steel head Drop Forged Durable 70% fiberglass TPR handle	No.	5					
32.	Claw Hammer	340g Claw Hammer with Handle manufactured by using quality assured material and advanced techniques, which make them up to the standard in this highly challenging field.	No.	3					
33.	Cross Peen Hammer	"Cross Pan Hammer Handle Material Wooden Handle, set of Head Weight: 100,200,300,400,500,600,700,800 Grams Material Iron"	set	3					
34.	Sledge Hammer	"Sledge Hammer Handle Material Fiber Handle Handle. Length 260mm set of Weight 1lbs,1.1/2lbs, 2lbs,3lbs,4lbs Head Material Carbon Steel Color Yellow and Black"	set	2					
35.	Hack Saw	Hack Saw Size 12 inch Material Steel Weight 600 g Handle Material Plastic Corrosion Resistance	No.	2					

36.	Water Level Pipe	Water Level Pipe Material set of PVC Length of Pipe 3m,12 m,6m Thickness 5- 10mm Head Shape Round Nominal Size 1/2 inch	set	3					
37.	Plier	"Plier Material Carbon Steel Superior strength Rust resistance handle cushioned vinyl grip insulated material."	No.	2					
38.	Iron pan(Tasla)	Material- Iron Item Weight Kgs - Up to 1 Kg Capacity -Up to 10 Ltr Shape- Round Finish- Polished	No.	5					
39.	Pick axe	"Pick axe Head Material Mild Steel Finish Polished Handle Material Wooden Weight 800 gm	No.	3					
40.	Shovel	Handle- Wood , Rectangular Trowel size 120 x 250 mm , Stainless steel material	No.	3					
41.	Batch Mixer	Mini Concrete mixture half bag capacity:- Drum type rotating 230 ltrs , Motor power – 1.3 HP , Material- M.S.	No.	1					
42.	Grinder	Grinder- Marble stone Grinder for smoothing the surface-Powerful 7.9 AMP motor with less weight (5.1	No.	1					

		lbs.),Variable speed control dial ,Soft start feature ,Electronic speed control maintains constant speed under load, Common fitting accepts the most popular water hose connections, High power-to-weight ratio for reduced operator fatigue, Housing cover protects the industrial die cast aluminium gear housing							
43.	Stone cutter	Stone cutter-Segmented diamond disc cutting blade,4.5 inch diameter bore 115mm x 1.9mm x 22.2mm,Dry or wet cutting for most building materials,13000 rpm max	No.	1					
44.	Hand Drilling Machine	Drilling Machine (Concrete Bit & Wood Bit)- Cordless hammer drill with ultra-compact size and 12-volt lithium ion battery impact Energy 1.8 J No Load Speed (in rpm) 930 Rpm Power Consumption (in Watt) 650 W Full hammering frequency 4600 impacts/ minute Rated voltage 230 V Optimum drilling diameter in	No.	2					

		concrete 4 - 12 mm Drilling diameter range for hammer drill bits 4 - 22 mm							
45.	Welding Machine	Power Source- Electric, Welding type- Arc Welding , output current – 200-300 A, Motor type- AC Motor	No.	1					
Total (Lot 3)									

Grand Total (Lot 1 + Lot 2 +Lot 3)	Total price per item (INR) (7= 5*6)	Total Price (Including GST) (9=7+8)
Grand Total (Without Tax) in Words: -		
Grand Total (With Tax) in Words: -		

2. Delivery and Completion Schedule

The delivery period shall start as of date of Signing the Contract

Item No	Description of Goods or Related Services	Delivery Schedule (Duration)	Location	Required Arrival Date of Goods or Completion Date for Related Services
Package Name: - Architecture Assistantship Lab-1 Equipment's Package No.: - HPSDP-DOTE/WP/09				
Lot-1	Architecture Asstt. Lab equipment's	Within 180 Days from the Signing of the contract.	Government Polytechnic(Women), Rehan District-Kangra, Himachal Pradesh	Within 180 Days from the Signing of the contract.
Lot-2	Stationary and drawing items	Within 180 Days from the Signing of the contract.	Government Polytechnic(Women), Rehan District-Kangra, Himachal Pradesh	Within 180 Days from the Signing of the contract.
Lot-3	Machinery and equipment's	Within 180 Days from the Signing of the contract.	Government Polytechnic(Women), Rehan District-Kangra, Himachal Pradesh	Within 180 Days from the Signing of the contract.

3. Technical Specifications

Lot: - 1 Lot Name: - Architecture Asst. Lab equipment's

Item No.	Name of Goods or Related Services	Technical Specifications of Item and/or Bureau of Indian Standards (BIS) (if applicable) reference	Features	Accessories	Spare parts	Documents	Installation & Training	Warranty of Equipment/parts
1.	French Curves drawing / draughting stencils	French Curves drawing / draughting stencils set of 12 dimensions 170 x 68 x 2 mm inking edges made from clear plastic	The transparency allows to see the drawing medium below template for easy positioning.	Case made up of heavy duty PVC material.	standard	Standard operating manual.	To be delivered at Government Polytechnic (women), Rehan Distt. Kangra HP in Himachal Pradesh - Training as required by staff of Polytechnic	3 Years Minimum
2.	Stencils set	<ul style="list-style-type: none"> Stencils set:- The transparent, yellow-tinted material leaves even the finest of lines clearly visible through the template Robust and non-warping, with perfectly formed, true-to-standards symbols. Lettering stencil for fibre-tip pens and fine-lead mechanical pencils 1mm to 12 mm character height 	Made of high-quality plastic and are especially resistant to warping and breakage.	Case made up of heavy duty PVC material.	standard	Standard operating manual	To be delivered at Government Polytechnic (women), Rehan Distt. Kangra HP in Himachal Pradesh - Training as required by staff of Polytechnic	3 Years Minimum

3.	Triangular Scale Engineering Ruler	<ul style="list-style-type: none"> Triangular Scale Engineering Ruler :- Made of white plastic with precision divisions and has color coded sides of red and yellow Triangular Scale ratio (1:10 , 1:20 , 1:25 , 1:33 , 1:50 , 1:75 , 1:100 , 1:200 1:250 , 1:500 ,1:750) , Dimension : 30cm 	Made of high-quality plastic and are especially resistant to warping and breakage.	Case made up of heavy duty PVC material.	standard	Standard operating manual	To be delivered at Government Polytechnic (women), Rehan Distt. Kangra HP in Himachal Pradesh - Training as required by staff of Polytechnic	3 Years Minimum
4.	Triangular scale Architectural Ruler	Triangular scale Architectural Ruler :- 3 /32 " , 3/16",1/8",1/4",1/2",1" , 3/8" , 3/4" , 1.5" & 3"	Made of high-quality plastic and are especially resistant to warping and breakage.	Case made up of heavy duty PVC material.	standard	Standard operating manual	To be delivered at Government Polytechnic (women), Rehan Distt. Kangra HP in Himachal Pradesh - Training as required by staff of Polytechnic	3 Years Minimum
5.	Circle Draughting Template stencils	Circle Draughting Template stencils:- Contains symbols & circles from 1 mm to 45 mm . Dimensions of template 250 mm x 131 mm . Thickness 1.5 mm ,fragile	Made of high-quality orange plastic and are especially resistant to warping and breakage.	Case made up of heavy duty PVC material.	standard	Standard operating manual	To be delivered at Government Polytechnic (women), Rehan Distt. Kangra HP in Himachal	3 Years Minimum

							Pradesh - Training as required by staff of Polytechnic	
6.	Scale Ruler	Scale Ruler: - Stainless steel double sided engraved scale ruler of size 30 cm x 2.6 cm metric unit 0 to 30 cm on one side & Imperial unit 0 to 12" on other side. Accuracy to 1 mm , 0.5 mm.	With hole on one side easy to hold or carry, laser engraved lines , scale clear precise & bearable. High hardness & strong flexibility.	Case made up of heavy duty PVC material.	standard	Standard operating manual	To be delivered at Government Polytechnic (women), Rehan Distt. Kangra HP in Himachal Pradesh - Training as required by staff of Polytechnic	standard
7.	Scissors	Scissors: - 5" stainless steel. Blades with blunt tip designed for safety	Handle design for both left & right hand users	Case made up of heavy duty PVC material.	standard	Standard operating manual	To be delivered at Government Polytechnic (women), Rehan Distt. Kangra HP in Himachal Pradesh - Training as required by staff of Polytechnic	standard

8.	Cardboard cutters	Cardboard cutters:-Heavy duty cutter ideal for thicker cuts	Compact & lightweight with comfortable grip & wider retractable blades	10 Replacement snap of blades with cover box	standard	Standard operating manual	To be delivered at Government Polytechnic (women), Rehan Distt. Kangra HP in Himachal Pradesh - Training as required by staff of Polytechnic	
9.	Calligraphy Pen Set	Calligraphy Pen Set:- A complete calligraphy set that is perfect for beginners. The set will contain four beautiful pens with a faux-marble finish and comfort grips,	Made of high-quality material and are especially resistant to warping and breakage.	Five nibs (extra fine, fine, medium, broad and extra broad), twenty water based dye ink cartridges (five black, five blue, two brown, two pink, two green, two orange and two yellow), one metal pump for use with bottled ink (not included), Easy to follow instructions and a 1x6-1/2x9-	standard	Standard operating manual	To be delivered at Government Polytechnic (women), Rehan Distt. Kangra HP in Himachal Pradesh - Training as required by staff of Polytechnic	3 Years Minimum

				1/4in metal tin for storage.				
10.	Draughting/ Technical Pens	<ul style="list-style-type: none"> Draughting/ Technical Pens:- Professional Quality Tubular Nib Technical Pens Refillable Ink Reservoir For Use on Tracing Paper Available in 0.18, 0.25, 0.35, 0.5 and 0.7mm Nib Sizes 	Wear-resistant, hard chrome-plated thin tip allows working in exquisite detail.	Attachments & Draughting ink & other standard accessories if any	standard	User/Operating Manual - Warranty Certificates	To be delivered at Government Polytechnic (women), Rehan Distt. Kangra HP in Himachal Pradesh - Training as required by staff of Polytechnic	3 Years Minimum
11.	Engineering Instrument Box	<ul style="list-style-type: none"> Engineering Instrument box :- Plastic box measures approx. 24 x 12 x 2.2 cm Some wear to box, tray and liner Blue plastic chipped away to side of hinges - does not affect working of hinges when opening/closing box Front clasp good 	One half set compass 15 cm , one divider 15 cm , centre wheel compass , central wheel divider, tightening keys/screw driver lengthening bar, handle for hand work , Ink point central wheel ink compass , pen & pencil point & other standard accessories if any	Case made up of heavy duty PVC material.	standard	Standard operating manual	To be delivered at Government Polytechnic (women), Rehan Distt. Kangra HP in Himachal Pradesh - Training as required by staff of Polytechnic	3 Years Minimum

12.	Sketch Pens	<ul style="list-style-type: none"> • Sketch Pens:-Pack of ten multicolour size :- small size Contains 40% more ink and lasts longer. Child safe-food-grade ink. 	Plastic body with packing	Standard	standard	Standard operating manual	To be delivered at Government Polytechnic (women), Rehan Distt. Kangra HP in Himachal Pradesh - Training as required by staff of Polytechnic	standard
13.	Pencil Colours	Pencil Colours: - One set containing 48 colours (Multicolours) standard size water colour pencils with spiral lines. Fade resistant excellent coverage . Smooth & soft leads. Break resistant leads , extra bonded easy to sharp	Made of soft wood with durable packing	Standard	standard	Standard operating manual	To be delivered at Government Polytechnic (women), Rehan Distt. Kangra HP in Himachal Pradesh - Training as required by staff of Polytechnic	standard
14.	Colours Pallets	<ul style="list-style-type: none"> • Colours Pallets:- Super white suitable for water/ acrylic/poster/ oil colour • Rounded corners for easy and clean wash • Mountable. 16 colour compartments • 8 Mixing and 2 water storing compartment 	Soft corners for smooth working	Standard	standard	Standard operating manual	To be delivered at Government Polytechnic (women), Rehan Distt. Kangra HP in Himachal	standard

		Size: 338mm x 230mm					Pradesh - Training as required by staff of Polytechnic	
15.	Water Colours	<ul style="list-style-type: none"> Water Colours:- 12 ml x 12 different colours Strong And Brilliant Colours Transparent Colours Painting 	Thick Consistency, Free- flowing, Intermixing water colours Suitable for Renaissance Watercolour pad and Paper	Standard	standard	Standard operating manual	To be delivered at Government Polytechnic (women), Rehan Distt. Kangra HP in Himachal Pradesh - Training as required by staff of Polytechnic	standard
16.	Crayons	<ul style="list-style-type: none"> Crayons:- 48 water colour (multicolours) pencils . Soft vibrant colour pencils Water soluble colour pencils Break resistant Lead 	standard	Standard	standard	Standard operating manual	To be delivered at Government Polytechnic (women), Rehan Distt. Kangra HP in Himachal Pradesh - Training as required by staff of Polytechnic	standard

17.	Painting Brushes	<ul style="list-style-type: none"> Painting Brushes Set:-Hog bristle for oil and acrylic Long handle made of birch wood Aluminium ferrule 	Made of high-quality material and are especially resistant to warping and breakage.	Brush holder travel case and built in stand	standard	Standard operating manual	To be delivered at Government Polytechnic (women), Rehan Distt. Kangra HP in Himachal Pradesh - Training as required by staff of Polytechnic	standard
18.	Photographic Mount Board	<ul style="list-style-type: none"> Photographic Mount Board:- Pack of ten , a smooth white backing board. Use for economical framing Recommended for artwork that requires preservation Mounting material 	100% acid free backing board. Recommended for artwork that requires preservation	Mounting material	standard	Standard operating manual	To be delivered at Government Polytechnic (women), Rehan Distt. Kangra HP in Himachal Pradesh - Training as required by staff of Polytechnic	standard
19.	Drawing Sheets	Drawing sheets :- 250 gsm , Size 56 cm x 76 cm , multipurpose product that combines the characteristics of watercolour and acrylic papers with those of drawing papers.	Heavy weight sheets and pads for experimenting with new combinations of different techniques	Standard	standard	Standard operating manual	To be delivered at Government Polytechnic (women), Rehan Distt. Kangra HP in Himachal	standard

							Pradesh - Training as required by staff of Polytechnic	
20.	Stapler Large Size	Stapler Large Size With Pins Chromes Staplers made of Non Rust Metal. Tough plastic body and zero pressure application. With its stylish finish and Eye soothing colour, it enhances your office table.	Extra long throat that is perfect for large binding project with push button front loading and unique clip- on tray that ensures neat paper stacking	Standard	standard	Standard operating manual	To be delivered at Government Polytechnic (women), Rehan Distt. Kangra HP in Himachal Pradesh - Training as required by staff of Polytechnic	standard
21.	Stapler Small Size	Stapler Small Size with Pins	Water proof and light resistance plastic body .	Standard	standard	Standard operating manual	To be delivered at Government Polytechnic (women), Rehan Distt. Kangra HP in Himachal Pradesh - Training as required by staff of Polytechnic	standard

22.	Sheet Cover Cylindrical	Sheet Cover Cylindrical – Drawing tube, draft tube, drafting tube, large size, heavy duty plastic with a carrying strap. 71.5cm in length, extending to 129cm, 8cm internal diameter. For safe carrying of plans, drawings etc. An adjustable shoulder strap ensures extreme portability, which makes the tube perfect for students and professionals who use blueprints and charts.	Strap to hold the cover with shoulder	Standard	standard	Standard operating manual	To be delivered at Government Polytechnic (women), Rehan Distt. Kangra HP in Himachal Pradesh - Training as required by staff of Polytechnic	standard
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Lot No: 2 Lot name: Stationary and other items

Item No.	Name of Goods or Related Services	Technical Specifications of Item and/or Bureau of Indian Standards (BIS) (if applicable) reference	Features	Accessories	Spare parts	Documents	Installation & Training	Warranty of Equipment /parts
1.	Samples of wood	Set of Different types of wood samples such as Teak, Deodar, Sheesham, Sal, Mango of Size 100mm x 100 mm (one item each)	Good quality material	standard	standard	Standard operating manual	To be delivered at Government Polytechnic (women), Rehan Distt. Kangra HP in Himachal Pradesh - Training as required by staff of Polytechnic	standard
2.	Samples of Plywood	Set of Different types of ply wood 100 mm x 100 mm (one item each)	Good quality material	standard	standard	Standard operating manual	To be delivered at Government Polytechnic (women), Rehan Distt. Kangra HP in Himachal Pradesh - Training as required by staff of Polytechnic	standard
3.	Samples of Laminates	Set of Different types of Laminates 100 mm x 100 mm (one item each)	Good quality material	standard	standard	Standard operating manual	To be delivered at Government Polytechnic (women), Rehan Distt. Kangra HP in Himachal Pradesh - Training as required	Standard

							by staff of Polytechnic	
4.	Samples of glass	Set of Different types of glass samples such as tinted Glass, Toughened Glass, Laminated Glass, Glass Block, Float Glass size 300mm x 300mm (one item each)	Good quality material	Sample size 300 x 300 mm	standard	Standard operating manual	To be delivered at Government Polytechnic (women), Rehan Distt. Kangra HP in Himachal Pradesh - Training as required by staff of Polytechnic	Standard
5.	Samples of fasteners and adhesives	Set of Different types of fasteners consisting dozen no. Of nails,Nuts Bolts,Screws,& adhesives Hot Glue, Spray adhesives,epoxy as per availability in market(one sample each)	Good quality material	standard	standard	Standard operating manual	To be delivered at Government Polytechnic (women), Rehan Distt. Kangra HP in Himachal Pradesh - Training as required by staff of Polytechnic	standard
6.	Samples of paints	Set of Different types of paints such as Oil Paint, Enamel Paint, Emulsion Paint, Bituminous Paint, Aluminium Paint, Anti Corrosive paint, Plastic Paint (one bottle/bucket each)	Good quality material	standard	standard	Standard operating manual	To be delivered at Government Polytechnic (women), Rehan Distt. Kangra HP in Himachal Pradesh - Training as required by staff of Polytechnic	Standard
7.	Samples of sanitary wares	Set of Different types of following sanitary ware with complete accessories	Good quality material	standard	standard	Standard operating manual	To be delivered at Government Polytechnic (women), Rehan Distt. Kangra HP in	standard

		<p>consisting the following items (one item each from A to I)</p> <p>A. Ceramic Wall Mounted S Trap Closet:- Installation Type: Wall Mounted Color: White Dimension: 220mm Trap Type: S Trap Material: Ceramic</p> <p>B. Stainless Steel Sanitary Ware Fittings, for Bathroom Fitting:- Towel hanger , Soap case , Tooth Brush holder& towel tray made up of SS304 Material</p> <p>C. Brass 2 In 1 Mixer With Wall Flanges Connecting Legs And Bend (Chrome Finish):- Size (L x B x H): 10 CM X 10 CM X 10CM Material: Brass</p> <p>D. Diverter Full Set Material: Brass, Overhead Shower Set Material: Brass+SS-304 Grade, Hand Shower Set Material: ABS+SS-304 Grade</p> <ul style="list-style-type: none"> Package Content: 1-Piece Concealed Body Diverter, 1-Piece Exposed Part Kit, 1-Piece Bath Tub Spout, 1-Piece 8X8 Overhead Shower, 1-Piece 18-inch Brass Arm, 						Himachal Pradesh - Training as required by staff of Polytechnic	
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		<p>1-Piece Hand Shower, 1-Piece SS-304 Grade 1.5 Meter Flexible Tube, 1-Piece Wall Hook</p> <ul style="list-style-type: none"> • Overhead shower: rain flow and touch-clean, hand shower: 5-function with mist and massage flow • Chrome plated solid brass. 0.3 to 0.5 micron chromium plating, casting: 100 % virgin brass ingots certified for 63 % Copper to ensure flawless casting, a good ceramic cartridge lets you conveniently open or stop water flow from the spray head <p>E. BIDET</p> <ul style="list-style-type: none"> • Battery type • Colour :- white • Dimensions:-45.72 X 20.95 X 8.89 CM <p>F. Brass and Stainless Steel Homeware Long Body Tap with Foam Flow and Improved Quality (12x3.5x6.5cm, Silver)</p>						
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		<ul style="list-style-type: none"> • Material: Stainless Steel and Brass • Installation Type: Wall Mounted (This means it is only suitable for wall mount) it is only suitable for wall mount) • Box Contains: 1 X Tap, 1 X Flange Free • Threading Size: 0.5" inch <p>G. Ceramic Wall Hung/Table Top Premium Ceramic Wash Basin/Vessel Sink Slim Rim for Bathroom Size:- 19X15X7 INCH Made using high quality material Colour:- white</p> <p>H. URINAL Wall Hung Urinal. Size : 260X345X675 mm. 0.5 L.Water. Consumption. Features. Compact design with privacy. super. smooth, ion barrier glazing for. a clean urinal. shields. Powerful wash down flushing. Integral trap. action. Complete with all accessories</p> <p>I. INDIAN WATER CLOSET Colour:- White Type:- Indian</p>						
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		Shape :- Elongated Mount Type:- Floor mount Dimensions:-Width – 50 cm Height- 30 cm & depth – 45 cm						
8.	Samples of building stones	Set of Different Types of Building Stones such as Marble, Granite, Kota Stone, Slate, Sandstone, Limestone etc. in size of 300mmx300mm	Good quality material	Sample size 300mm x 300mm	standard	Standard operating manual	To be delivered at Government Polytechnic (women), Rehan Distt. Kangra HP in Himachal Pradesh - Training as required by staff of Polytechnic	Standard
9.	Samples of building bricks	Set of Different Types of Building Bricks such as Burnt clay brick, Fly Ash Brick, Concrete Brick, Sun Dried/Unburnt Brick (as per standard size available in market)	Good quality material	All samples in appropriate packing	standard	Standard operating manual	To be delivered at Government Polytechnic (women), Rehan Distt. Kangra HP in Himachal Pradesh - Training as required by staff of Polytechnic	Standard
10.	Samples of electrical fittings	Set of Samples of electrical fixtures & fittings, conduits, wires & conducting materials minimum (one item each)	Good quality material	All samples in appropriate packing	standard	Standard operating manual	To be delivered at Government Polytechnic (women), Rehan Distt. Kangra HP in Himachal Pradesh - Training as required by staff of Polytechnic	Standard

11.	Samples of plumbing	<p>Set of Samples of Plumbing fixtures to be installed as working prototype consisting of item listed below (one item each)</p> <p>Pipes: - GI pipes With Screw & Socket OR With Plain Ends Size Range: ½" to 6" NB CLASS: A, B, C Class Grade: 1239/I OR BS: 1387 CLASS A, B OR C, shape Round, Colour Silver, Material GI. OR Material PPR, Pipe Class Schedule 80, shape Round Fusion Welding, Butt Welding, Electro Fusion Welding Connections, Green/ Grey colour, Fusion Welding, Butt Welding, Electro Fusion Welding Connections.</p> <p>Elbow: - Size ½ Inch, Material GI, Fitting Type Elbow, End connection type Buttweld, Connection Type Female OR Size ½ Inch, Material PPR Brass, Fitting Type Elbow Green/ Grey Colour, Fusion Welding, Butt Welding, Electro Fusion Welding Connections.</p> <p>Ferrule Cock:- Size ½ Inch, Material Brass, Surface Finishing Polished.</p>	Good quality material	standard	standard	Standard operating manual	To be delivered at Government Polytechnic (women), Rehan Distt. Kangra HP in Himachal Pradesh - Training as required by staff of Polytechnic	Standard
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		<p>Tee:- Size ½ Inch, Material GI, End connection type Butt-weld, Connection Type Female OR Size ½ Inch, Material PPR Brass, Fitting Type Tee, Green/ Grey Colour, Fusion Welding, Butt Welding, Electro Fusion Welding Connections.</p> <p>Union: - Shape Hexagon, Size ½ Inch, Material GI, Surface Finishing Zinc coating.</p> <p>Reducing Socket: - Size ½ Inch, Material GI, Connection Type Female Precise strength, Rust protective body, Solid structure OR Size ½ Inch, Material PPR Brass, Fitting Type Reducing Socket, Green/ Grey Colour, Fusion Welding, Butt Welding, Electro Fusion Welding Connections.</p> <p>Coupling Socket: - Size ½ Inch, Material Hot galvanised with thick uniform zinc coating, End, Connection Type Female, Accurate threading perfectly angled to 180°, Superior grade</p>						
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		<p>malleability to ensure crack free installation. OR Size ½ Inch, Material PPR, Fitting Type Socket, Green/ Grey Colour, Fusion Welding, Butt Welding, Electro Fusion Welding Connections.</p> <p>Nipple: - Size 3/6/9 Inch, Material Grade A CLASS OR B CLASS, Material Galvanized Iron</p> <p>Plug and Cap: - Shape Round, Size ½ Inch, Material GI, Plug type Hollow Plug.</p> <p>Valve: - Size ½ Inch, Material Cast Iron, Plug type Hollow Plug. Low maintenance Longer lasting Easy Installation End connection type Socket type.</p> <p>Cross: - Size ½ Inch, Material GI, Connection Type Female, Customized tread Size</p> <p>Ball Float Valve: - Size ½ Inch, Material Brass, Connection Type male,</p>						
12.	Samples of false ceiling materials	Set of Sample of false ceiling materials such as Gypsum Board 300mm x 300mm, M.S. Flat 1500 mm long, MS Tubes of 18G Thickness and 2000mm	Good quality material	standard	standard	Standard operating manual	To be delivered at Government Polytechnic (women), Rehan Distt. Kangra HP in	standard

		length ,Chicken wire mesh covering size of 1200mm x 1200mm,POP 20 Kg					Himachal Pradesh - Training as required by staff of Polytechnic	
13.	Samples of floor finishes and wall finishes	Set of Sample of floor finishes & wall finishes Floor Tiles of size 300mm x 300mm (vitrified) ,Marble ,Kota Stone and Wooden floor tiles of size 300mm x 300mm,Ceramic Wall tiles of size 200mm x 100mm, Wall Paper of size 2000mm x 1200mm (one item each)	Good quality material	Standard	standard	Standard operating manual	To be delivered at Government Polytechnic (women), Rehan Distt. Kangra HP in Himachal Pradesh - Training as required by staff of Polytechnic	Standard
14.	Samples of false ceiling fixtures & finishes	Set of Sample of false ceiling fixtures & finishes (one item each)	Good quality material	standard	standard	Standard operating manual	To be delivered at Government Polytechnic (women), Rehan Distt. Kangra HP in Himachal Pradesh - Training as required by staff of Polytechnic	standard

15.	Samples of building hardware	Set of Sample of building hardware made up of stateless steel SS304 (Hinges, Hangers, Bolts, bars, brackets) (one item each)	Good quality material	standard	standard	Standard operating manual	To be delivered at Government Polytechnic (women), Rehan Distt. Kangra HP in Himachal Pradesh - Training as required by staff of Polytechnic	Standard
16.	Samples of Acoustical materials	Set of Samples of Acoustical materials having size 2'-0" x 2'-0" (one item each)	Good quality material	Sample size length 2'-0" , height 2'-0"	standard	Standard operating manual	To be delivered at Government Polytechnic (women), Rehan Distt. Kangra HP in Himachal Pradesh - Training as required by staff of Polytechnic	standard
17.	Samples of Thermal Insulating Material	Set of Sample Of Thermal Insulating Material having size 2'-0" x 2'-0" (one item each)	Good quality material	Sample size length 2'-0" , height 2'-0"	standard	Standard operating manual	To be delivered at Government Polytechnic (women), Rehan Distt. Kangra HP in Himachal Pradesh - Training as required by staff of Polytechnic	Standard
18.	Samples of cork sheet	Set of Samples of cork sheet(one item each)	Good quality material	Sample size length 2'-0" , height 2'-0"	standard	Standard operating manual	To be delivered at Government Polytechnic (women), Rehan Distt. Kangra HP in Himachal Pradesh - Training as required	Standard

							by staff of Polytechnic	
19.	Samples of acrylic sheet	Set of Samples of acrylic sheet(one item each)	Good quality material	Sample size length not more than 3'-0"	standard	Standard operating manual	To be delivered at Government Polytechnic (women), Rehan Distt. Kangra HP in Himachal Pradesh - Training as required by staff of Polytechnic	Standard
20.	Samples of Steel Trusses	Set of Steel Trusses King Post & Queen Post only (proto type) having size 3'-0" in length and 2'-0" in height (Different Types) (one item each)	Good quality material	Sample size length 3'-0" height 2'-0"	standard	Standard operating manual	To be delivered at Government Polytechnic (women), Rehan Distt. Kangra HP in Himachal Pradesh - Training as required by staff of Polytechnic	Standard
21.	Samples of Rolled steel sections Section/M. S. Flat	Set of different Rolled steel sections Angle sections. Channel sections. T- sections. I-sections. Round bars. Square bars. Flat bars.	Good quality material	Sample size 2'-00" in length	standard	Standard operating manual	To be delivered at Government Polytechnic (women), Rehan Distt. Kangra HP in Himachal Pradesh - Training as required by staff of Polytechnic	standard

		Length of each sample IS 2'-0"						
22.	Samples of Aluminum Models of Doors/windows/Partition	Set of samples of Aluminium Models of Doors/windows/Partition Door:- Sample Size width 2'-0" & height 4'-0" made up of Aluminium section of size 4" x 1.25" using gauge 14 and complete with all other accessories Window:- Sample Size width 3'-0" & height 3'-0" made up of Aluminium section of size 2.5" x 1.5" using gauge 14 and complete with all other accessories Partition wall:- Sample Size width 3'-0" & height 3'-0" made up of Aluminium section of size 2.5" x 1.5" using gauge 14 and complete with all other accessories	Good quality material	standard	standard	Standard operating manual	To be delivered at Government Polytechnic (women), Rehan Distt. Kangra HP in Himachal Pradesh - Training as required by staff of Polytechnic	Standard
23.	Solar Chart	Set of Solar Chart	Good quality material	standard	standard	Standard operating manual	To be delivered at Government Polytechnic (women), Rehan Distt. Kangra HP in Himachal Pradesh -	standard

							Training as required by staff of Polytechnic	
24.	Sun Chart	Set of Sun Chart	standard	standard	standard	Standard operating manual	To be delivered at Government Polytechnic (women), Rehan Distt. Kangra HP in Himachal Pradesh - Training as required by staff of Polytechnic	Standard
25.	Charts	Set of Charts/Drawings Of Old Monumental Buildings	The transparency allows to see the drawing medium below template for easy positioning.	standard	standard	Standard operating manual	To be delivered at Government Polytechnic (women), Rehan Distt. Kangra HP in Himachal Pradesh - Training as required by staff of Polytechnic	Standard

26.	Furniture Templates set	Set of Furniture Templates set:- Furniture designing templates set of three (1:50 , 1:100 , 1:200) transparent orange plastic having design layouts for various Architectural spaces	The transparency allows to see the drawing medium below template for easy positioning.	standard	standard	Standard operating manual	To be delivered at Government Polytechnic (women), Rehan Distt. Kangra HP in Himachal Pradesh - Training as required by staff of Polytechnic	Standard
27.	Sanitary lay out Templates set	Set of Sanitary lay out Templates set:- Sanitary/ Plumbing designing templates set of two (1:50 , 1:100 ,) dimensions 263 mm x 90 mm x 1 mm for 1:50 Scale & 125 mm x 45 mm x 1 mm for 1:100 Scale transparent orange plastic having design layouts for various Sanitary fixtures.	Standard	Standard	standard	Standard operating manual	To be delivered at Government Polytechnic (women), Rehan Distt. Kangra HP in Himachal Pradesh - Training as required by staff of Polytechnic	Standard

Lot no: - 3 Lot Name: - Machinery and Equipment's

Item No.	Name of Goods or Related Services	Technical Specifications of Item and/or Bureau of Indian Standards (BIS) (if applicable) reference	Features	Accessories	Spare parts	Documents	Installation & Training	Warranty of Equipment/ parts
1.	Smoothering Plane	"Blade Thickness (in) 3/32 in Blade Thickness (mm) 2.3 mm Blade Width (in) 2 in Blade Width (mm) 51 mm Overall Length (in) 9-3/4 in Overall Length (mm) 248 mm Type Smoothing Width (in) 2-1/2 in Width (mm) 64 mm"	"Gray, cast-iron base with precision-ground sides and bottom Durable epoxy coating provides long-lasting protection Hardened, tempered steel gives recision-ground cutter edge durability Cutter adjusts for depth and alignment, offering precise control uick-release cam-lock makes iron removal easy High-impact polymer handles and knobs are contoured and polished	"BLADE SHARPE NING SYSTEM Provides complete system for accurate and precise sharpening Compati ble with standard chisel blades and plane irons from 1/4"" to 2-3/4"" (4mm-60mm)	standard	Standard operating manual	To be delivered at Government Polytechnic (women), Rehan Distt. Kangra HP in Himachal Pradesh - Training as required by staff of Polytechnic	3 years

			Replacement Blade 12-313"	Honing guide Oilstone (8" x 2" aluminum oxide grit sharpeni ng stone, double- sided with fine and medium grade) White Oil (for use with oilstone, non- flammab le, non- toxic)"				
2.	Router Plane	Router Plane- Solid cast iron body, Comfortable grip for precision control, Easily adjustable blade, Blade measures 1/4-Inch wide, Base measures 2-3/16-Inch by 4-1/8-Inch	The plane includes two high-carbon steel cutters: a two-piece 1/2" straight blade, and a two-piece 1/2" spear-point blade (for final smoothing). A blade sharpening	"BLADE SHARPE NING SYSTEM Provides complete system for accurate and	standard	Standard operating manual	To be delivered at Government Polytechnic (women), Rehan Distt. Kangra HP in Himachal Pradesh - Training as	3 years

			jig is also included. The optional fence (available separately) made of stainless steel and aluminum can be positioned on either side of the plane and will work on both straight and curved pieces	precise sharpening			required by staff of Polytechnic	
3.	Electrical Power Plane	"Amperage 6.5 Case Type Heavy-duty plastic Height 6.5" Length 11.125" No Load RPM 16,500 Planing Depth 0" to 3/32" (2.6mm) Planing Width 0" to 3-1/4" Rabbet Depth 5/16" Rabbet Width 3-1/4" Rating 120V AC Voltage 120V Weight 6.3lb Width 6.5" Works With Anti-Static Vacuum Hoses VH1635A (by means of anti-static adapter included with that hose), VAC008, and most other 35 mm anti-static hoses Other Vacuum Hoses VH1035 and VH1635 (by means of VX120 adapter included with those hoses), VAC005 and VAC006 hoses, and most other 35 mm hoses Adapter for 1-1/4 in and 1-1/2 in. "	Planer Kit features a tool with a 6.5 Amp motor that produces 16,500 RPM for fast stock removal and smooth finishes. The aluminium front and rear shoes are precision-machined together for accuracy, and the tool has a machined groove for chamfering. The tool also provides a spring-loaded stand that elevates the planer to protect the blade and the	"BLADE SHARPENING SYSTEM Provides complete system for accurate and precise sharpening	standard	Standard operating manual	To be delivered at Government Polytechnic (women), Rehan Distt. Kangra HP in Himachal Pradesh - Training as required by staff of Polytechnic	3 years

			tool-resting spot. Equipped with reversible Woodrazormicrograin carbide blades, gives users the option of a two-blade system to accommodate high-speed steel blades (optional accessories are required).					
4.	Hand Saw	"Blade Length (in) 20 in Handle Material plastic/Rubber Overall Length (in) 23 in Points Per In 10 in Teeth per Inch 11"	"Multi-purpose saw for a high quality finish For use on laminate, plastic pipe, and all wood types SHARPTOOTH® Saw Technology uses three cutting surfaces to cut 50% faster than conventional STANLEY® Hand Saws Induction hardened teeth stay sharp 3 to 5 times longer than standard teeth Total length of 20 in. fits	Cover or Hand sawkit	standard	Standard operating manual	To be delivered at Government Polytechnic (women), Rehan Distt. Kangra HP in Himachal Pradesh - Training as required by staff of Polytechnic	3 years

			conveniently in most toolboxes"					
5.	Tenon Saw	Tenon Saw Features a 16" long, .032" thick blade. Length overall is 21-1/4" including handle, and it has a 3-3/4" depth of cut. Teeth are set at .004" (.10mm) per side. Filed rip at 11 ppi.	Tenon Saws have Curly Maple handles, Brass fittings, and stout 3/4" x 1/4" milled Brass backs. These saws are solid, well balanced and smooth cutting. Filed rip for cutting tenons, which is with the grain.	Cover/C ase	standard	Standard operating manual	To be delivered at Government Polytechnic (women), Rehan Distt. Kangra HP in Himachal Pradesh - Training as required by staff of Polytechnic	3 years
6.	Key Hole Saw	"High-carbon, heat-treated spring-steel blade 8-Point teeth design Pistol grip-style ABS plastic handle Blade Length (in.) 10 in Blade Width (in.) 1 Handle Length (in.) 4.5 Product Depth (in.) 1.4 Product Length (in.) 15.1 Product Width (in.) 4.6"	High-carbon, heat-treated spring-steel blade 8-Point teeth design Pistol grip-style ABS plastic handle Great for use in hard-to-reach areas and narrow spaces Precision set teeth for smooth and accurate cutting High impact plastic pistol grip handle Ideal for cutting precision curve cuts and other	standard	standard	Standard operating manual	To be delivered at Government Polytechnic (women), Rehan Distt. Kangra HP in Himachal Pradesh - Training as required by staff of Polytechnic	

			woodworking, carpentry, and hobby applications					
7.	Bow Saw	21" Bow Saw High-carbon, heat-treated spring-steel blade Width: 215 mm, Length: 625 mm, Weight: 500 g	21" Bow Saw `is truly excellent for sawing stems and thicker branches when you are out in the garden doing heavier pruning. The curved nose enables cutting in hard-to-reach or difficult positions, typically in places a lopper cannot access, and sawing is fast and easy due to its unique 'plane tothing' which cuts on both the push and pull stroke. This saw comes with a plastic protector for safe transportation when moving around the garden.	standard	standard	Standard operating manual	To be delivered at Government Polytechnic (women), Rehan Distt. Kangra HP in Himachal Pradesh - Training as required by staff of Polytechnic	3 years
8.	Mortise Chisel	"Overall Length 7 and 6 Inch Material Iron Packaging Size Packet Blade Width 33- 38 mm	Optimum quality, Superior strength resistant to rust	standard	standard	Standard operating manual	To be delivered at Government	3 years

		Finish Brushed with wooden handle"	with well-seasoned wooden handle				Polytechnic (women), Rehan Distt. Kangra HP in Himachal Pradesh - Training as required by staff of Polytechnic	
9.	Firmer Chisel	30mm Firmer chisel, short length, light pattern, bevelled edges, with flat hornbeam handle	Optimum quality, Superior strength resistant to rust with well-seasoned wooden handle	standard	standard	Standard operating manual	To be delivered at Government Polytechnic (women), Rehan Distt. Kangra HP in Himachal Pradesh - Training as required by staff of Polytechnic	3 years
10.	Gauge Chisel	Set of 4pcs Wood Gouge Chisel Woodworking Tool Handle Hand Home Carving Set Specifications: Material: Wooden + Ferromanganese Alloys Chisel Type: Gouge Chisel Purpose: Wood Working Length: 230 mm / 9.06 inch (handle length:100mm / 3.94") Size: 6mm/0.23inch, 12mm/0.47inch, 18mm/0.7inch, 24mm/0.94inch Total Weight: 450g	Optimum quality, Superior strength resistant to rust with well-seasoned wooden handle	standard	standard	Standard operating manual	To be delivered at Government Polytechnic (women), Rehan Distt. Kangra HP in Himachal Pradesh - Training as required by	3 years

							staff of Polytechnic	
11.	Cross Cut Saw	The saw is made from steel with hardness of 44-46 and a thickness of 1.5mm to provide the superior stiffness required when cutting on long strokes. The blade's tooth pattern is the Special Great American specifically designed with gullets to allow waste wood to be cleared while cutting. The handles are solid beech (the auxiliary handle included can be used for a two-man version if needed), and the teeth can be re-sharpened with a large triangular file	"Beech handle, plus auxiliary handle for use as a two-man version if required Special Great American Tooth pattern for use on logs, etc Can be re-sharpened using a large triangular file British CS80 Steel, 1.5mm thick blade Each tooth is hand set"	standard	standard	Standard operating manual	To be delivered at Government Polytechnic (women), Rehan Distt. Kangra HP in Himachal Pradesh - Training as required by staff of Polytechnic	3 years
12.	Gimlet	Specially made of annealed steel for strength and durability Set of 4 - 3mm, 4mm, 5mm and 6mm (1/8", 5/32", 3/16" and 1/4") with well-seasoned wooden handle	Optimum quality, Superior strength resistant to rust with well-seasoned wooden handle	standard	standard	Standard operating manual	To be delivered at Government Polytechnic (women), Rehan Distt. Kangra HP in Himachal Pradesh - Training as required by staff of Polytechnic	3 years

13.	Mallet	Handle Material Wooden Handle Surface Color Coated Material Made of wood. Grade Industrial, Commercial Finish Polished	The features like durability, strong construction, superior finish and lightweight, these mallets are widely demanded by the clients. These mallets are also tested on various parameters so as to ensure their adherence with set industry standards and norms.	standard	standard	Standard operating manual	To be delivered at Government Polytechnic (women), Rehan Distt. Kangra HP in Himachal Pradesh - Training as required by staff of Polytechnic	3 years
14.	Claw Hammer	340g Claw Hammer with Handle manufactured by using quality assured material and advanced techniques.	"Drop forged carbon steel hammer head Duly hardened and tempered Anti-slip shock resistant rubber grip Chrome plated"	standard	standard	Standard operating manual	To be delivered at Government Polytechnic (women), Rehan Distt. Kangra HP in Himachal Pradesh - Training as required by staff of Polytechnic	3 years
15.	Screw Driver	"Screw Driver Set Material CRV 6150 material of suzes (MM)Slotted: 0.6x3.5x75mm 0.8x4x75mm 1.2x6.5x100mm 1.2x8x150mm Phillips: PH0x75mm, PH1x75mm, PH2X100mm	"Handle Material: PP+TPR Standard: DIN standard bimaterial Surface Treatment: CRV material blade	standard	standard	Standard operating manual	To be delivered at Government Polytechnic (women),	3 years

		PH3X150mm Pozi: PZ1x75mm, PZ2x100mm 1-Bit magnetic screw driver for 1/4" Bit(43mm) 20Bits: Slotted:3-4-5-6-7mm Phillips: PH0-1-2-3 Pozi: PZ0-1-2-3 Tox:T10-15-20-25-30-40 1/4" socket holder 9-1/4" sockets metric system 5-6-7-8-9-10-11-12-13mm with handle of PP + TPR Handle Material. CRV material blade with chrome plated & magnetic head. "	with chrome plated Feature: bimaterial handle with hanging hole"				Rehan Distt. Kangra HP in Himachal Pradesh - Training as required by staff of Polytechnic	
16.	Pincer	Pincer-Standard forward clamp blades on pincers for clamping perpendicular to the application, Rubber handle grips for a sure hold, forged steel for strength and durability Drop forged from carbon steel hardened jaws. Powder coated. Size 80mm	"Optimum strength Anti-corrosive Easy to use"	standard	standard	Standard operating manual	To be delivered at Government Polytechnic (women), Rehan Distt. Kangra HP in Himachal Pradesh - Training as required by staff of Polytechnic	3 years
17.	Bench Vice	Bench Vice-Bench vise with swivel base has a 6.5" jaw width to grip a flat surface and provide clamping action for medium-duty applications, and has a reversible front jaw that expands the jaw opening from 7" to 11" for larger applications,360-degree swivel base adjusts the	Ductile iron body is durable and strong for extended life, and has two flat portions that act as an anvil and additional work	standard	standard	Standard operating manual	To be delivered at Government Polytechnic (women), Rehan Distt. Kangra HP in	3 years

		direction of the jaws for proper placement and locks in place.	surface, Top jaws are replaceable and reversible, with a serrated surface on one side for enhanced grip and a smooth side on the other for handling delicate items				Himachal Pradesh - Training as required by staff of Polytechnic	
18.	Tri square	Tri Square ruler Made of aluminium alloy and stainless steel The scale meets the GB standard Clear and wearable Specification 300mm	"· High durability · Blade Made from Hardened Steel · Non corrosive · Accurate dimensions · Fine finish"	standard	standard	Standard operating manual	To be delivered at Government Polytechnic (women), Rehan Distt. Kangra HP in Himachal Pradesh - Training as required by staff of Polytechnic	3 years
19.	Mitre Square	Mitre Square Structo-Cast® handle is durable and lightweight Durable stainless steel blade features etched 1/8" and cm graduations for readability and durability Measures 45° and 90° angles	The essential marking and checking tool for any woodworker, these try and mitre squares make assessing angles and marking straight cuts easy and accurate. The Structo-Cast®	standard	standard	Standard operating manual	To be delivered at Government Polytechnic (women), Rehan Distt. Kangra HP in Himachal Pradesh - Training as required by	3 years

			handle is both durable and lightweight, while the heavy-duty blade is made of stainless steel so you'll never need to worry about rust or corrosion. These squares feature graduations in 1/8", mm and cm increments that are permanently etched in black for easy visibility and also measure 45° and 90° angles.				staff of Polytechnic	
20.	Painting Gun	Specifications: Maximum Viscosity 50 Din-s , Voltage 220-240V, Power Consumption 500W, Air max Back pressure 0.1-0.2 Bar, Max air flow 380ml\ min, Power cord 2 Mtr. long, Reservoir capacity 800 ml, Nozzle size 2.5 mm, Weight 2 Kg.	"Multitasking: indoor wall painting, outdoor wall painting, doors painting, metal furniture painting, can also be used for stains, sealers and primers. Easy to operate: a user friendly very easy to use machine even college going students or	standard	standard	Standard operating manual	To be delivered at Government Polytechnic (women), Rehan Distt. Kangra HP in Himachal Pradesh - Training as required by staff of Polytechnic	3 years

			housewives can do the application using it. Durable motor & Apt performance: It has a 500 W motor that give maximum output in less power consumption, the 2.5 mm copper nozzle and 800ml reservoir make it convenient to complete big tasks Quickly in a single go. Excellent features: Adjustable flow rate, copper nozzle, three type of spray pattern mode."					
21.	Painting Brushes	"Painting Brushes [set of 17] 4 x Angle #12 #10 #5 #2; 4 x Round #7 #3 #1 #2/0, 2 x Flat #11 #6; 2 x Filbert #9 #4; 1 x Oval wash #8; 1 x Script liner #3/0 & 1 x Fan brush #0, 1 x Painting Knife and 1 x Sponge. Made by wooden handle it provides the perfect combination of balance and comfort. "	Paintbrush: It is perfect for any level of an artist from beginners to professionals. Usage: Ideal for acrylic, watercolour, oil, glass, fabric, nail art, face painting.	carrying case and nylon hair does not spray.	standard	Standard operating manual	To be delivered at Government Polytechnic (women), Rehan Distt. Kangra HP in Himachal Pradesh	standard

22.	Flexible Steel Tape (3 mtr)	"Flexible Steel Tape (3 mtr) Material: Plastic & Steel Ruler Material: Steel Scale: 3 Meters"	"Handy for any measuring jobs, an essential tool for crafts. High-quality screws are fixed, firmer, resistant to falling and have a long service life. The tape measure is detailed and the scale is clear, so you can measure it accurately. Retractable multipurpose measuring tape, round shaped, flexible steel tapeline."	standard	standard	Standard operating manual	To be delivered at Government Polytechnic (women), Rehan Distt. Kangra HP in Himachal Pradesh	standard
23.	Multipurpose Planer	"Multipurpose Planer- Powerful 6-1/2-Amp motor heavy sanding and extended tool life, variable speed to match speed to any work piece and vacuum port for dust free sanding, Turbo Mode for aggressive, fast stock removal, random orbit mode for fine swirl-free sanding, Constant response circuitry maintains pad speed under heavy loads and protects against overload 6-by-12-Inch; 5.3-Pound; Motor Single phase motor Automatic Grade Manual Power 3HP Material Stainless Steel Power	"The machines used for Surface Planning, Thickness, Grooving, Rebating, Blade Grinding, Cutting, Drilling, Moulding. "	standard	standard	Standard operating manual	To be delivered at Government Polytechnic (women), Rehan Distt. Kangra HP in Himachal Pradesh	3 years

		Source Electric Cutting Blade Size (Inches) 12"						
24.	Mitre Saw Machine	"Mitre Saw Machine Saw blade diameter 254mm Bevel setting 45 ° L Cutting capacity, 0° 89 x 89 mm Cutting capacity, 45° mitre 62 x 130 mm Cutting capacity, 45° incline 86 x 67 mm No-load speed 4,800 rpm Saw blade bore diameter 25.4 mm Weight 16.08 kg Rated input power 1,700 W"	"High cutting efficiency and cutting precision High performance of frequent aluminium cutting"	"Allen key Saw blade Wrench Carton box"	standard	Standard operating manual	To be delivered at Government Polytechnic (women), Rehan Distt. Kangra HP in Himachal Pradesh	3 years
25.	Paper Cutting Machine	Paper cutting machine: Cutting Capacity 40 mm (Sheet Thickness) Size A3 Cutting Mode Manual Model Number 868A3 Material of Paper cutter Steel Base Plate Iron Packaging Size 70 x 53.5 x 35 cm Net Weight 35 kg Gross Weight 36 kg Maximum cutting size 41 x 43 cm. Usage Manual Paper Cutting	standard	standard	standard	Standard operating manual	To be delivered at Government Polytechnic (women), Rehan Distt. Kangra HP in Himachal Pradesh	3 years
26.	Plumb Bob	Plumb Bob Material Mild Steel Item Weight 500 Gram Shape Cone Finishing Golden Plating with rope 1.2m. long	standard	standard	standard	Standard operating manual	To be delivered at Government Polytechnic (women), Rehan Distt. Kangra HP in	3 years

							Himachal Pradesh	
27.	Spirit Level	Spirit Level (Big Size)- Heavy-duty aluminium frame Open, top-read vial Non-marring feet can be used on finished surfaces without damage, Water resistant for use in wet or humid conditions.Bi-material body with rubber ends for shock absorption Dimensions: 8.86 in x 1.57 in x 0.67 in (22.5 cm x 4.0 cm x 1.7 cm) - Weight: 3.00 oz (85 g) - Color:Yellow Facilitated by the technically advanced process, Magnetic Spirit Level	"Sturdy structure Long service life Low maintenance cost"	standard	standard	Standard operating manual	To be delivered at Government Polytechnic (women), Rehan Distt. Kangra HP in Himachal Pradesh	3 years
28.	Trowels	Set of Trowels of Different Types- Fine polishing treatment High grade forged steel blade Durable hard wood handle	Trowels which are used for transferring plaster and for applying plaster to a wall or surface.	standard	standard	Standard operating manual	To be delivered at Government Polytechnic (women), Rehan Distt. Kangra HP in Himachal Pradesh	3 years
29.	Concrete mixing tray	Size 3'-6" x 3'-6" Material – M.S. with handle both side	standard	standard	standard	Standard operating manual	To be delivered at Government Polytechnic (women),	3 years

							Rehan Distt. Kangra HP in Himachal Pradesh	
30.	Steel Float	Steel Float is smooth, spread and also for finishing of cement. Size of steel float is 250 x 100 mm	"Hassle free work performance Easy to use"	standard	standard	Standard operating manual	To be delivered at Government Polytechnic (women), Rehan Distt. Kangra HP in Himachal Pradesh	1 year
31.	Mason Hammer	Mason Hammer Handle 600Gm Heavy duty carbon steel head Drop Forged Durable 70% fiberglass TPR handle	"Ideal for striking chisels and punches or riveting, shaping and bending metal Hickory handle for durability Polished face and peen"	standard	standard	Standard operating manual	To be delivered at Government Polytechnic (women), Rehan Distt. Kangra HP in Himachal Pradesh	1 year
32.	Claw Hammer	340g Claw Hammer with Handle manufactured by using quality assured material and advanced techniques, which make them up to the standard in this highly challenging field.	"Drop forged carbon steel hammer head Duly hardened and tempered Anti-slip shock resistant rubber grip"	standard	standard	Standard operating manual	To be delivered at Government Polytechnic (women), Rehan Distt. Kangra HP in	3 years

			Chrome plated"				Himachal Pradesh	
33.	Cross Peen Hammer	"Cross Pan Hammer Handle Material Wooden Handle, set of Head Weight: 100,200,300,400,500,600,700,800 Grams Material Iron"	standard	standard	standard	Standard operating manual	To be delivered at Government Polytechnic (women), Rehan Distt. Kangra HP in Himachal Pradesh	3 years
34.	Sledge Hammer	"Sledge Hammer Handle Material Fiber Handle Handle. Length 260mm set of Weight 1lbs,1.1/2lbs, 2lbs,3lbs,4lbs Head Material Carbon Steel Color Yellow and Black"	standard	standard	standard	Standard operating manual	To be delivered at Government Polytechnic (women), Rehan Distt. Kangra HP in Himachal Pradesh	3 years
35.	Hack Saw	Hack Saw Size 12 inch Material Steel Weight 600 g Handle Material Plastic Corrosion Resistance	standard	standard	standard	Standard operating manual	To be delivered at Government Polytechnic (women), Rehan Distt. Kangra HP in	3 years

							Himachal Pradesh	
36.	Water Level Pipe	Water Level Pipe Material set of PVC Length of Pipe 3m,12 m,6m Thickness 5-10mm Head Shape Round Nominal Size 1/2 inch	standard	standard	standard	Standard operating manual	To be delivered at Government Polytechnic (women), Rehan Distt. Kangra HP in Himachal Pradesh	1 year
37.	Plier	"Plier Material Carbon Steel Superior strength Rust resistance handle cushioned vinyl grip insulated material."	"Superior strength Rust resistance Impeccable finish"	standard	standard	Standard operating manual	To be delivered at Government Polytechnic (women), Rehan Distt. Kangra HP in Himachal Pradesh	1 year
38.	Iron pan(Tasla)	Material- Iron Item Weight Kgs -Up to 1 Kg Capacity -Up to 10 Ltr Shape- Round Finish- Polished	Durable and strong	standard	standard	Standard operating manual	To be delivered at Government Polytechnic (women), Rehan Distt. Kangra HP in	1 year

							Himachal Pradesh	
39.	Pick axe	"Pick axe Head Material Mild Steel Finish Polished Handle Material Wooden Weight 800 gm	standard	standard	standard	Standard operating manual	To be delivered at Government Polytechnic (women), Rehan Distt. Kangra HP in Himachal Pradesh	3 years
40.	Shovel	Handle- Wood , Rectangular Trowel size 120 x 250 mm , Stainless steel material	For use in construction	standard	standard	Standard operating manual	To be delivered at Government Polytechnic (women), Rehan Distt. Kangra HP in Himachal Pradesh	3 years
41.	Batch Mixer	Mini Concrete mixture half bag capacity:- Drum type rotating 230 ltrs , Motor power – 1.3 HP , Material- M.S.	Mixing of cement & sand, Power source – Electric Engine	Standard	standard	Standard operating manual	To be delivered at Government Polytechnic (women), Rehan Distt. Kangra HP in	3 years

							Himachal Pradesh	
42.	Grinder	Grinder- Marble stone Grinder for smoothing the surface-Powerful 7.9 AMP motor with less weight (5.1 lbs.),Variable speed control dial ,Soft start feature ,Electronic speed control maintains constant speed under load, Common fitting accepts the most popular water hose connections, High power-to-weight ratio for reduced operator fatigue, Housing cover protects the industrial die cast aluminium gear housing	standard	standard	standard	Standard operating manual	To be delivered at Government Polytechnic (women), Rehan Distt. Kangra HP in Himachal Pradesh	3 years
43.	Stone cutter	Stone cutter-Segmented diamond disc cutting blade,4.5 inch diameter bore 115mm x 1.9mm x 22.2mm,Dry or wet cutting for most building materials,13000 rpm max	standard	standard	standard	Standard operating manual	To be delivered at Government Polytechnic (women), Rehan Distt. Kangra HP in Himachal Pradesh	3 years
44.	Hand Drilling Machine	Drilling Machine (Concrete Bit & Wood Bit)- Cordless hammer drill with ultra-compact size and 12-volt lithium ion battery impact Energy 1.8 J No Load Speed (in rpm) 930 Rpm Power Consumption (in Watt) 650 W Full hammering frequency	Triple-mode SDS rotary hammer (hammer drilling plus 2 gears for rotary-only drilling) Sturdy motor with high	standard	standard	Standard operating manual	To be delivered at Government Polytechnic (women), Rehan Distt.	3 years

		4600 impacts/ minute Rated voltage 230 V Optimum drilling diameter in concrete 4 - 12 mm Drilling diameter range for hammer drill bits 4 - 22 mm	load rating for maximum reliability Quick-change "TE-C Click" chuck and user-friendly selector switch for high working comfort Quick-release chuck for drilling in steel, wood, and plastics Lock-on button for continuous fatigue-free use				Kangra HP in Himachal Pradesh	
45.	Welding Machine	Power Source- Electric, Welding type- Arc Welding , output current – 200-300 A, Motor type- AC Motor	Portable , Single phase arc Welding	Standard	standard	Standard operating manual	To be delivered at Government Polytechnic (women), Rehan Distt. Kangra HP in Himachal Pradesh	3 years

4. Drawings

Not Applicable