

# **Schedule of supply**

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# 1.List of Goods and Related Services

**Package Name:** Supply of “Machinery and Equipment for Architect Lab” of Government Polytechnic (Women), Rehan Distt. Kangra to enhance technical and vocational skills among the youth of Himachal Pradesh. HPSDP-DOTE/WP/15; RFQ No. GPR-03/2023

Package Name: Machinery and Equipment for Architect Lab								Delivery Time (in days): not more than 90 days	
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.	<b>Smoothering Plane</b>	(1)"Blade Thickness =(in)3/32 or Blade Thickness=(mm)2.3 (2) Blade Width= (in) 2 or Blade Width = (mm)51 (3)Overall Length =(in) 9-3/4 Or Overall Length=(mm)248m (4)Type Smoothing Width= (in) 2-1/2 or Width=(mm)64	No.	10					
2.	<b>Router</b>	Router Plane-Solid cast iron body, Comfortable grip for	No.	5					

		precision control, Easily adjustable blade, Blade measures= 1/4- Inch wide, Base measures=2- 3/16-Inch by 4- 1/8- Inch							
3.	<b>Electrical Power Plane</b>	"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" (up to 2.6mm) Planing Width =0" to 3-1/4" Rabbit Depth=5/16" Rabbit Width =3-1/4" Rating =120V AC Voltage =120V Weight=6.3lb or 2.85kg Width=6.5" Works With Anti-Static Vacuum Hoses=VH1635A (by means of anti-static adapter included with that hose), VAC008, and most other 35mm 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	No.	5					

		Adapter for 1-1/4 in and 1-1/2 in."							
4.	<b>Hand Saw</b>	"Blade Length =(in) 20 Handle Material :Plastic/Rubber Overall Length= (in) 23 Points Per =(In)10 Teeth per 11"	No.	7					
5.	<b>Tenon Saw</b>	Tenon Saw Features =16" long, Thickness of blade=.032". Length overall =21-1/4" including handle, depth of cut =3-3/4". Teeth are set at.004"(.10mm) per side. File drip at 11 ppi.	No.	5					
6.	<b>Key HoleSaw</b>	"High-carbon, heat-treated spring-steel blade 8-Point teeth design Pistol grip-style ABS plastic handle Blade Length= (in.) 10 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.	<b>Bow Saw</b>	21"Bow Saw High carbon, Heat treated spring steel Blade Width=215mm,	No.	5					

		Length=625mm, Weight=500g							
8.	<b>Mortise Chisel</b>	Overall Length= (Inch) 7 and 6 Material :Iron Packaging Size Packet Blade Width=33-38 mm Finish Brushed with wooden handle	No.	10					
9.	<b>Firmer Chisel</b>	30mm Firmer chisel, short length, light pattern, beveled edges, With flat horn beam handle	No.	10					
10.	<b>Gauge Chisel</b>	Set of 4 pcs Wood Gouge Chisel Wood working Tool Handle Hand Home Carving Set Specifications: Material: Wooden +Ferromanganese Alloys Chisel Type: Wood Working Length= 230mm / 9.06 inch (handlelength:100mm / 3.94") Size:6mm/0.23inch, 12mm/0.47inch, 18mm/0.7inch, 24mm/0.94inch Total Weight:450g	No.	10					
11.	<b>Cross CutSaw</b>	The saw is made from steel with hardness of =44-46 Thickness =1.5mm. The teeth can be re-sharpened with a large triangular file	No.	5					
12.	<b>Gimlet</b>	Set of 4 - 3mm, 4mm,5mm,6mm	No.	5					

		(1/8",5/32",3/16"and1/4") With well-seasoned Wooden handle							
13.	<b>Mallet</b>	Handle Material =Wooden Handle Surface Color Coated Material Made of wood. Grade Industrial, Commercial Finish Polished	No.	5					
14.	<b>Claw Hammer</b>	340g Claw Hammer with Handle manufactured by using quality assured material and advanced techniques.	No.	5					
15.	<b>Screw Driver</b>	Screw Driver Set sizes(MM)Slotted:0.6x3. 5x75mm  0.8x4x75mm  1.2x6.5x100mm  1.2x8x150mm Phillips: PH0x75mm,  PH1x75mm,  PH2X100mm  PH3X150mm Pozi:  PZ1x75mm,  PZ2x100mm 1-Bit magnetic screw	No.	7					

		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.	<b>Pincer</b>	Pincer-Standard for ward clamp blades , Rubber handle grips for a sure hold, Forged steel for strength and durability Drop forged from carbon steel hardened jaws. Powder coated. Size=80mm	No.	5					
17.	<b>Bench Vice</b>	Bench Vice-Bench vise with swivel base=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"to11" for larger applications,360-degree swivel base adjusts the direction of the jaws for	No.	5					

		proper placement and Locks in place.							
18.	<b>Tri-square</b>	Tri Square ruler Made of aluminium alloy and stainless steel Specification=300mm	No.	10					
19.	<b>Mitre Square</b>	Mitre Square Structo-Cast handle is durable and light weight Durable stainless steel blade features etched 1/8" and cm graduations Measures 45° And 90° angles	No.	5					
20.	<b>Painting Gun</b>	Specifications: Maximum Viscosity =50Din-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=2.5mm, Weight=2Kg.	No.	2					
21.	<b>Painting Brushes</b>	Painting Brushes[set of 17] 4xAngle#12#10#5#2; 4xRound#7#3#1#2/0 , 2xFlat #11#6; 2xFilbert#9#4; 1xOval wash#8; 1 x Script liner#3/0 1 x Fan brush#0,	No.	10					



		1 x Painting Knife and 1x Sponge. Made by wooden handle it provides the perfect combination of balance and comfort.							
22.	<b>Flexible Steel Tape(3mtr)</b>	Flexible Steel Tape=(3mtr) Material: Plastic & Steel Ruler Material: Steel Scale:3Meters"	No.	10					
23.	<b>Multipurpose Planer</b>	"Multipurpose Planer- Power=6-12-Amp motor heavy sanding ,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 load sand protects 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"	No.	1					

24.	<b>Mitre Saw Machine</b>	"Mitre Saw Machine Saw blade diameter=254mm Bevel setting=45 ° L Cutting capacity,0°89x89mm Cutting capacity, 45° mitre 62x 130 mm Cutting capacity,45°incline86x 67mm No-load speed =4,800 rpm Saw blade bore diameter=25.4mm Weight=16.08kg Rated input power=1,700W	No.	1					
25.	<b>Paper Cutting Machine</b>	Paper cutting machine : Cutting Capacity 40 mm(Sheet Thickness) Size A3 Cutting Mode= Manual Material of Paper cutter :Steel Base Plate Iron Packaging Size=70x53.5 x 35 cm Net Weight= 35 kg Gross Weight= 36 kg Maximum cutting size=41x43cm. Paper Cutting Usage Manual	No.	1					
26.	<b>Plumb Bob</b>	Plumb Bob Material :Mild Steel Item Weight =500Gram Shape Cone Finishing Golden Plating with rope=1.2m.long	No.	5					

27.	<b>Spirit Level</b>	<p>Spirit Level (Big Size)- Heavy-duty aluminium frame Open, top-read Dimensions:8.86inx1.57inx0.67in</p> <p>(22.5cmx4.0 cmx1.7 cm) Weight: (85 g) Color: Yellow Facilitated by the technically advanced process, Magnetic Spirit Level</p>	No.	4					
28.	<b>Trowels</b>	<p>Set of Trowels of Different Types- Fine polishing treatment High grade forged steel blade Durable hard Wood handle</p>	No.	4					
29.	<b>Concrete mixing tray</b>	<p>Size=3'-6"x3'-6" Material – M.S. with handle both side</p>	No.	3					
30.	<b>Steel Float</b>	<p>Steel Float is smooth, spread and also for Finishing of cement. Size of steel float is 250 x100mm</p>	No.	3					
31.	<b>Mason Hammer</b>	<p>Mason Hammer Handle=600Gm Heavy duty carbon steel head Drop Forged Durable 70%fiber glass TPR handle</p>	No.	5					
32.	<b>Claw Hammer</b>	<p>. 340g Claw Hammer with Handle</p>	No.	3					

		manufactured by using quality assured material and advanced techniques, which make them up to the standard in this highly Challenging field.							
33.	<b>Cross Peen Hammer</b>	Cross Peen Hammer Handle Material Wooden HeadWeight:100,200,300,400,500,600,700,800Grams Material :Iron	No.	3					
34.	<b>Sledge Hammer</b>	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"	No.	2					
35.	<b>Hack Saw</b>	Hack Saw Size =12 inch Material Steel Weight=600 g Handle Material :Plastic Corrosion Resistance	No.	2					
36.	<b>Water Level Pipe</b>	Water Level Pipe Material set of PVC Length of Pipe =3m,12m,6m Thickness =5-10mm Head Shape Round Nominal Size =1/2 inch	No.	3					

37.	<b>Plier</b>	Plier Material Carbon Steel Superior strength Rust resistance handle cushioned vinyl grip insulated material."	No.	2					
38.	<b>Iron pan (Tasla)</b>	Material- Iron Item Weight Kgs - Upto1Kg Capacity - Upto10Ltr Shape- Round Finish-Polished	No.	5					
39.	<b>Pick axe</b>	Pick axe Head Material :Mild Steel Finish Polished Handle Material=Wooden Weight=800gm	No.	3					
40.	<b>Shovel</b>	Handle- Wood ,Rectangular Trowel size=120x250mm, Stainless steel material	No.	3					
41.	<b>Batch Mixer</b>	Mini Concrete mixture half bag capacity:- Drum type rotating 230ltrs, Motorpower-1.3HP, Material-M.S.	No.	1					
42.	<b>Grinder</b>	Grinder- Marble stone Grinder for smoothing the surface- Powerful 7.9AMP motor with less weight (5.1lbs.), Variable speed control dial , Soft start	No.	1					

		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.	<b>Stone cutter</b>	Stone cutter- Segmented diamond disc cutting blade=4.5 inch Diameter bore =115mm x 1.9mmx22.2mm, Dry or wet cutting for most building materials,  13000 rpm max	No.	1					
44.	<b>Hand Drillig Machine</b>	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.	2					

		No Load Speed (in rpm) =930Rpm Power Consumption=(in Watt)650 Full hammering frequency =4600impacts/ minute Rated voltage 230 V Optimum drilling diameter in concrete =4 - 12 mm Drilling diameter range for hammer drill bits =4 -22mm							
45.	<b>Welding Machine</b>	Power Source- Electric, Welding type- Arc Welding, Output current-200-300A, Motor type-AC Motor	No.	1					
<b>Total :</b>									

<b>Grand Total</b>	<b>Total price per item (INR)(7= 5*6)</b>	<b>Total Price (Including GST) (9=7+8)</b>
<b>Grand Total (Without Tax) in Words: -</b>		

## 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
	<b>Package Name: - Machinery and Equipment for Architect Lab</b> <b>Package No.: - HPSDP-DOTE/WP/15</b>	Within 90 Days from the Signing of the contract.	<b>Government Polytechnic(Women),</b> <b>Rehan District-Kangra,</b> <b>Himachal Pradesh</b>	Within 90 Days from the Signing of the contract.



### 3. Technical Specifications

**Package Name:** - Machinery and Equipment for Architect Lab

**Installation & Training of all items at: Government Polytechnic (women), Rehan Distt. Kangra HP in Himachal Pradesh**

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	Warranty of Equipment/parts
1.	<b>Smoothering Plane</b>	(1)"Blade Thickness = (in) 3/32 or Blade Thickness= (mm) 2.3 (2) Blade Width= (in) 2 or Blade Width = (mm) 51 (3) Overall Length = (in) 9-3/4  Or Overall Length= (mm) 248mm (4) Type Smoothering Width= (in) 2-1/2 or Width= (mm) 64	"Gray, cast-iron base with precision-ground sides and bottom Durable epoxy Coating provides long-lasting protection Hardened, tempered steel gives precision-ground cutter edge durability Cutter adjusts for depth and alignment, offering precise control quick - release cam-lock makes iron removal easy High-impact polymer handles and knobs are contoured and polished Replacement Blade 12-313"	"BLADE SHARPENING SYSTEM Provides complete system for accurate and precise sharpening Compatible with standard chisel blades and plane irons from 1/4"" to 2-3/4"" (4mm-60mm) Honing guide Oilstone (8"" x 2"" aluminum oxide grit sharpening stone, double-sided with fine and medium grade) White Oil (for use with oilstone, non-	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

				flammable, non-toxic)"			
2.	<b>Router</b>	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 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	"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.	<b>Electrical Power Plane</b>	"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" (up to 2.6mm) Planing Width =0" to 3-1/4" Rabbit Depth=5/16" Rabbit Width =3-1/4" Rating =120V AC Voltage =120V Weight=6.3lb or 2.85kg	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	"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

		<p>Width=6.5"</p> <p>Works With Anti-Static Vacuum Hoses=VH1635A (by means of anti-static adapter included with that hose), VAC008, and most other 35mm 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</p> <p>Adapter for 1-1/4 in and 1-1/2 in."</p>	<p>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 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).</p>				
4.	<b>Hand Saw</b>	<p>"Blade Length =(in) 20</p> <p>Handle Material :Plastic/Rubber</p> <p>Overall Length= (in) 23</p> <p>Points Per =(In)10 Teeth per 11"</p>	<p>"Multi-purpose saw for a high quality finish For use on laminate, plastic pipe, and all wood types</p> <p>SHARPTOOTH® Saw Technology uses three cutting surfaces to cut 50% faster than conventional</p> <p>STANLEY® Hand Saws</p> <p>Induction hardened teeth stay sharp 3</p>	Cover or Hand saw kit	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

			to 5times longer than standard teeth  Total length of 20 in. fits conveniently in most toolboxes"				
5.	<b>Tenon Saw</b>	Tenon Saw Features =16" long, Thickness of blade=.032". Length overall =21-1/4" including handle, depth of cut =3-3/4". Teeth are set at.004"(.10mm) per side. File drip at 11 ppi.	Tenon Saws have Curly Maple handles, Brass fittings, and stout 3/4" x 1/4" milledBrass backs. These saws are solid, well balanced and smooth cutting. Filed rip for cutting tenons, which is with the grain.	Cover/Case	Standard	Standard operating manual	To be delivered at Government Polytechnic (women), RehanDistt. Kangra HP in Himachal Pradesh - Training as required by staff of Polytechnic
6.	<b>Key HoleSaw</b>	"High-carbon, heat-treated spring-steel blade 8-Point teeth design Pistol grip-style ABS plastic handle Blade Length= (in.) 10 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	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

			curve cuts and other woodworking, carpentry, and Hobby applications				
7.	<b>Bow Saw</b>	21" Bow Saw High carbon, Heat treated spring steel Blade Width=215mm, Length=625mm, Weight=500g	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), RehanDistt. Kangra HP in Himachal Pradesh - Training as required by staff of Polytechnic
8.	<b>Mortise Chisel</b>	Overall Length= (Inch) 7 and 6 Material :Iron Packaging Size Packet Blade Width=33-38 mm	Optimum quality, Superior strength resistant to rust with well-	standard	Standard	Standard operating manual	To be delivered at Government Polytechnic

		Finish Brushed with wooden handle	seasoned woodenhandle				(women), RehanDistt. Kangra HP in Himachal Pradesh - Training as required by staff of Polytechnic
9.	<b>Firmer Chisel</b>	30mm Firmer chisel, short length, light pattern, beveled edges, With flat horn beam handle	Optimum quality, Superior strength resistant to rust with well- seasoned woodenhandle	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
10.	<b>Gauge Chisel</b>	Set of 4 pcs Wood Gouge Chisel Wood working Tool Handle Hand Home Carving Set Specifications: Material: Wooden +Ferromanganese Alloys Chisel Type: Wood Working Length= 230mm / 9.06 inch (handlelength: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 woodenhandle	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

11.	<b>Cross CutSaw</b>	The saw is made from steel with hardness of =44-46 Thickness =1.5mm. 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 bere-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
12.	<b>Gimlet</b>	Set of 4 - 3mm, 4mm,5mm,6mm  (1/8",5/32",3/16"and1/4") With well-seasoned Wooden handle	Optimum quality, Superior strength resistant to rust with well-seasoned woodenhandle	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
13.	<b>Mallet</b>	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	standard	standard	Standard operating manual	To be delivered at Government Polytechnic (women), Rehan Distt. Kangra HP in Himachal

			mallets are also tested on various parameters so as to ensure their adherence with set industry standards and norms.				Pradesh - Training as required by staff of Polytechnic
14.	<b>Claw Hammer</b>	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
15.	<b>Screw Driver</b>	Screw Driver Set sizes(MM)Slotted:0.6x3.5x75 mm 0.8x4x75mm 1.2x6.5x100mm 1.2x8x150mm Phillips: PH0x75mm, PH1x75mm, PH2X100mm PH3X150mm Pozi:	"Handle Material :PP+TPR Standard:DIN standard bimaterial Surface Treatment: CRV material blade with chrome plated Feature: bimaterial handle with hanging hole"	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



		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.	<b>Pincer</b>	Pincer-Standard for ward clamp blades , Rubber handle grips for a sure hold, Forged steel for strength and durability Drop forged from carbon steel hardened jaws. Powder coated. Size=80mm	"Optimumstrength Anti-corrosive Easy to use"	standard	standard	Standard operating manual	To be delivered at Government Polytechnic (women), RehanDistt. Kangra HP in Himachal Pradesh - Training as required by staff of Polytechnic
17.	<b>Bench Vice</b>	Bench Vice-Bench vise with swivel base=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	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 Himachal

		from 7"to11" for larger applications,360- degree swivel base adjusts the 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				Pradesh - Training as required by staff of Polytechnic
18.	<b>Tri-square</b>	Tri Square ruler Made of aluminium alloy and stainless steel 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), RehanDistt. Kangra HP in Himachal Pradesh - Training as required by staff of Polytechnic
19.	<b>Mitre Square</b>	Mitre Square Structo-Cast handle is durable and light weight Durable stainless steel blade features etched1/8"and cm graduations 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® handle is both durable and lightweight, while the heavy-duty blade is made of	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

			<p>stainless steel so you'll never need to worry about rust or corrosion.</p> <p>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.</p>				
20.	<b>Painting Gun</b>	<p>Specifications:</p> <p>Maximum Viscosity =50Din-s ,</p> <p>Voltage=220-240V,</p> <p>Power Consumption= 500W,</p> <p>Air max Back pressure=0.1-0.2 Bar,</p> <p>Max air flow=380ml\min,</p> <p>Power cord=2 Mtr. long,</p> <p>Reservoir capacity =800 ml,</p> <p>Nozzle size=2.5mm,</p> <p>Weight=2Kg.</p>	<p>"Multitasking: indoor wallpainting, outdoorwall painting, Doors painting, metal furniture painting, can also be used for stains, sealers and primers.</p> <p>Easy to operate: a user friendly very easy to use machine even college going students or housewives can do the application using it. Durable motor &amp; Apt performance: It has a 500 W motor that give</p>	standard	standard	Standard operating manual	<p>To be delivered at Government Polytechnic (women), Rehan Distt. Kangra HP in Himachal Pradesh</p> <p>- Training as required by staff of Polytechnic</p>

			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.	<b>Painting Brushes</b>	Painting Brushes[set of 17] 4xAngle#12#10#5#2; 4xRound#7#3#1#2/0, 2xFlat #11#6; 2xFilbert#9#4; 1xOval wash#8; 1 x Script liner#3/0 1 x Fan brush#0, 1 x Painting Knife and 1x 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
22.	<b>Flexible Steel Tape(3mtr)</b>	Flexible Steel Tape=(3mtr) Material: Plastic & Steel Ruler Material: Steel Scale:3Meters"	"Handy for any measuring jobs, an essential tool for crafts. High-quality screws are fixed, firmer, resistant to	standard	standard	Standard operating manual	To be delivered at Government Polytechnic (women), Rehan Distt. Kangra HP in

			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."				Himachal Pradesh
23.	<b>Multipurpose Planer</b>	"Multipurpose Planer- Power=6-12-Amp motor heavy sanding ,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 load sand protects 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"	"The machines used for Surface Planning, Thickness, Grooving, Rebating, BladeGrinding, Cutting, Drilling, Moulding. "	standard	standard	Standard operating manual	To be delivered at Government Polytechnic (women), Rehan Distt. Kangra HP in Himachal Pradesh

24.	<b>Mitre Saw Machine</b>	"Mitre Saw Machine Saw blade diameter=254mm Bevel setting=45 ° L Cutting capacity,0°89x89mm Cutting capacity, 45° mitre 62x 130 mm Cutting capacity,45°incline86x67mm No-load speed =4,800 rpm Saw blade bore diameter=25.4mm Weight=16.08kg Rated input power=1,700W	"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), RehanDistt. Kangra HP in Himachal Pradesh
25.	<b>Paper Cutting Machine</b>	Paper cutting machine : Cutting Capacity 40 mm(Sheet Thickness) Size A3 Cutting Mode= Manual Material of Paper cutter :Steel Base Plate Iron Packaging Size=70x53.5 x 35 cm Net Weight= 35 kg Gross Weight= 36 kg Maximum cutting size=41x43cm. Paper Cutting Usage Manual	standard	standard	standard	Standard operating manual	To be delivered at Government Polytechnic (women), RehanDistt. Kangra HP in Himachal Pradesh
26.	<b>Plumb Bob</b>	Plumb Bob Material :Mild Steel Item Weight =500Gram Shape Cone Finishing Golden Plating with rope=1.2m.long	standard	standard	standard	Standard operating manual	To be delivered at Government Polytechnic (women), RehanDistt. Kangra HP in Himachal Pradesh

27.	<b>Spirit Level</b>	Spirit Level (Big Size)- Heavy-duty aluminium frame Open, top-read Dimensions:8.86inx1.57inx0.67in (22.5cmx4.0cmx1.7 cm) Weight: (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
28.	<b>Trowels</b>	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
29.	<b>Concrete mixing tray</b>	Size=3'-6"x3'-6" Material – M.S. with handle both side	standard	standard	standard	Standard operating manual	To be delivered at Government Polytechnic (women), Rehan Distt. Kangra HP in Himachal Pradesh
30.	<b>Steel Float</b>	Steel Float is smooth, spread and also for Finishing of cement. Size of steel float is 250 x100mm	"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
31.	<b>Mason Hammer</b>	Mason Hammer Handle=600Gm Heavy duty carbon steel head Drop Forged Durable 70%fiber glass TPR handle	"Ideal for striking chisels and punches orriveting, 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
32.	<b>Claw Hammer</b>	. 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 rubbergrip Chrome plated"	standard	standard	Standard operating manual	To be delivered at Government Polytechnic (women), Rehan Distt. Kangra HP in Himachal Pradesh
33.	<b>Cross Peen Hammer</b>	Cross Peen Hammer Handle Material Wooden HeadWeight:100,200,300,400,500,600,700,800G rams Material :Iron	standard	standard	standard	Standard operating manual	To be delivered at Government Polytechnic (women), Rehan Distt. Kangra HP in Himachal Pradesh
34.	<b>Sledge Hammer</b>	Sledge Hammer Handle Material Fiber Handle Handle Length=260mm set of Weight 1lbs,1.1/2lbs,2lbs,3lbs,4lbs Head Material: Carbon Steel	standard	standard	standard	Standard operating manual	To be delivered at Government Polytechnic (women), Rehan Distt. Kangra HP in



		Color Yellow and Black"					Himachal Pradesh
35.	<b>Hack Saw</b>	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 Himachal Pradesh
36.	<b>Water Level Pipe</b>	Water Level Pipe Material set of PVC Length of Pipe =3m,12m,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
37.	<b>Plier</b>	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
38.	<b>Iron pan (Tasla)</b>	Material- Weight Kgs Iron Item Capacity -Upto1Kg Shape- Round Finish- Polished	Durable andstrong	standard	standard	Standard operating manual	To be delivered at Government Polytechnic (women), Rehan Distt. Kangra HP in

							Himachal Pradesh
39.	<b>Pick axe</b>	Pick axe Head Material :Mild Steel Finish Polished Handle Material=Wooden Weight=800gm	standard	standard	standard	Standard operating manual	To be delivered at Government Polytechnic (women), Rehan Distt. Kangra HP in Himachal Pradesh
40.	<b>Shovel</b>	Handle- Wood ,Rectangular Trowel size=120x250mm, Stainless steel material	For use in constuction	standard	standard	Standard operating manual	To be delivered at Government Polytechnic (women), Rehan Distt. Kangra HP in Himachal Pradesh
41.	<b>Batch Mixer</b>	Mini Concrete mixture half bag capacity:-Drum type rotating 230ltrs, Motorpower–1.3HP, 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 Himachal Pradesh

42.	<b>Grinder</b>	Grinder- Marble stone Grinder for smoothing the surface- Powerful 7.9AMP motor with less weight (5.1lbs.), 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
43.	<b>Stone cutter</b>	Stone cutter-Segmented diamond disc cutting blade=4.5 inch Diameter bore =115mm x 1.9mmx22.2mm, 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
44.	<b>Hand Drillig Machine</b>	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) =930Rpm	Triple-mode SDS rotary hammer (hammer drilling plus 2 gears for rotary-only drilling) Sturdy motor with high load rating for maximum reliability Quick-	standard	standard	Standard operating manual	To be delivered at Government Polytechnic (women), Rehan Distt. Kangra HP in Himachal

		Power Consumption= (in Watt)650 Full hammering frequency =4600impacts/ minute Rated voltage 230 V Optimum drilling diameter in concrete =4 - 12 mm Drilling diameter range for hammer drill bits =4 -22mm	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				Pradesh
45.	<b>Welding Machine</b>	Power Source- Electric, Welding type- Arc Welding, Output current–200-300A, 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

## **4. Drawings**

*Not Applicable*