

# **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-07/2023

| 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 INR | Sales and other taxes | Total Price (Including GST)                    | Remarks<br>(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<br>=(in)3/32<br>or<br>Blade<br>Thickness=(mm)2.3<br>(2) Blade Width= (in)<br>2<br>or<br>Blade Width =<br>(mm)51<br>(3)Overall Length<br>=(in) 9-3/4<br>Or<br>Overall<br>Length=(mm)248m<br>m<br>(4)Type Smoothing<br>Width= (in) 2-<br>1/2<br>or<br>Width=(mm)64 | No.                 | 1<br>0   |                |                 |                       |  |  |
| 2.  | <b>Router</b>                     | Router Plane-Solid<br>cast iron body,<br>Comfortable grip for  | No.                 | 5        |                |                 |                       |  |  |

|    |                                       |   |     |   |  |  |  |  |  |
|----|---------------------------------------|---|-----|---|--|--|--|--|--|
|    |                                       | precision control,<br>Easily adjustable blade,<br>Blade measures= 1/4-<br>Inch wide,<br>Base measures=2-<br>3/16-Inch by 4- 1/8-<br>Inch  |     |   |  |  |  |  |  |
| 3. | <b>Electrical<br/>Power<br/>Plane</b> | "Amperage=6.5<br>Case Type Heavy<br>duty plastic<br>Height =6.5"<br>Length=11.125"<br>No Load<br>(RPM)=16,500<br>Planing Depth =0"<br>to 3/32" (up to<br>2.6mm)<br>Planing Width =0" to<br>3-1/4"<br>Rabbit Depth=5/16"<br>Rabbit Width =3-1/4"<br>Rating =120V<br>AC Voltage =120V<br>Weight=6.3lb or<br>2.85kg<br>Width=6.5"<br>Works With Anti-Static<br>Vacuum<br>Hoses=VH1635A (by<br>means of anti-static<br>adapter included with<br>that hose), VAC008,<br>and most other 35mm<br>anti-static hoses Other<br>Vacuum Hoses<br>VH1035 and VH1635 (by<br>means of VX120<br>adapter included with<br>those hoses), VAC005<br>and VAC006 hoses,<br>and most other 35 mm<br>hoses | No. | 5 |  |  |  |  |  |

|    |                    |  |     |   |  |  |  |  |  |
|----|--------------------|--|-----|---|--|--|--|--|--|
|    |                    | Adapter for 1-1/4 in and 1-1/2 in."  |     |   |  |  |  |  |  |
| 4. | <b>Hand Saw</b>    | "Blade Length =(in) 20<br>Handle Material :Plastic/Rubber<br>Overall Length= (in) 23<br>Points Per =(In)10<br>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<br>8-Point teeth design<br>Pistol grip-style ABS plastic handle<br>Blade Length= (in.) 10<br>Blade Width=(in.)1<br>Handle Length=(in.) 4.5<br>Product Depth =(in.)1.4<br>Product Length=(in.)15.1<br>Product Width =(in.)4.6 | No. | 5 |  |  |  |  |  |
| 7. | <b>Bow Saw</b>     | 21"Bow Saw High carbon, Heat treated spring steel<br>Blade Width=215mm,  | No. | 5 |  |  |  |  |  |

|     |                       |  |     |    |  |  |  |  |  |
|-----|-----------------------|--|-----|----|--|--|--|--|--|
|     |                       | Length=625mm,<br>Weight=500g   |     |    |  |  |  |  |  |
| 8.  | <b>Mortise Chisel</b> | Overall Length= (Inch) 7 and 6<br>Material :Iron<br>Packaging Size Packet Blade<br>Width=33-38 mm<br>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<br>Wood Gouge Chisel<br>Wood working Tool<br>Handle<br>Hand Home Carving<br>Set Specifications:<br>Material: Wooden +Ferromanganese<br>Alloys Chisel Type:<br>Wood Working Length= 230mm / 9.06 inch (handlelength:100mm / 3.94")<br>Size:6mm/0.23inch, 12mm/0.47inch, 18mm/0.7inch, 24mm/0.94inch<br>Total Weight:450g | No. | 10 |  |  |  |  |  |
| 11. | <b>Cross CutSaw</b>   | The saw is made from steel with hardness of =44-46<br>Thickness =1.5mm.<br>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")<br>With well-seasoned<br>Wooden handle  |     |   |  |  |  |  |  |
| 13. | <b>Mallet</b>       | Handle Material<br>=Wooden<br>Handle Surface Color<br>Coated Material Made<br>of wood.<br>Grade Industrial,<br>Commercial Finish<br>Polished  | No. | 5 |  |  |  |  |  |
| 14. | <b>Claw Hammer</b>  | 340g Claw Hammer<br>with Handle<br>manufactured by using<br>quality assured<br>material and advanced<br>techniques.   | No. | 5 |  |  |  |  |  |
| 15. | <b>Screw Driver</b> | Screw Driver Set<br>sizes(MM)Slotted:0.6x3.<br>5x75mm<br><br>0.8x4x75mm<br><br>1.2x6.5x100mm<br><br>1.2x8x150mm<br>Phillips:<br>PH0x75mm,<br><br>PH1x75mm,<br><br>PH2X100mm<br><br>PH3X150mm<br>Pozi:<br><br>PZ1x75mm,<br><br>PZ2x100mm<br>1-Bit magnetic screw | No. | 7 |  |  |  |  |  |

|     |                   |   |     |   |  |  |  |  |  |
|-----|-------------------|---|-----|---|--|--|--|--|--|
|     |                   | driver for<br>1/4"Bit(43mm)<br>20Bits: Slotted:3-4-5-6-7mm<br>Phillips: PH0-1-2-3<br>Pozi: PZ0-1-2-3<br>Tox:T10-15-20-25-30-40 1/4"<br>socket holder 9-1/4"<br>sockets metric<br>system 5-6-7-8-9-10-11-12-13mm<br>with handle of PP + TPR Handle Material.<br>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<br>Made of aluminium alloy and stainless steel<br>Specification=300mm  | No. | 10 |  |  |  |  |  |
| 19. | <b>Mitre Square</b>     | Mitre Square<br>Structo-Cast handle is durable and light weight<br>Durable stainless steel blade features etched 1/8" and cm graduations<br>Measures 45° And 90° angles   | No. | 5  |  |  |  |  |  |
| 20. | <b>Painting Gun</b>     | Specifications:<br>Maximum Viscosity =50Din-s ,<br>Voltage=220-240V,<br>Power Consumption=500W,<br>Air max Back pressure=0.1-0.2 Bar,<br>Max air flow=380ml/min,<br>Power cord=2 Mtr. long,<br>Reservoir capacity =800 ml,<br>Nozzle size=2.5mm,<br>Weight=2Kg. | No. | 2  |  |  |  |  |  |
| 21. | <b>Painting Brushes</b> | Painting Brushes[set of 17]<br>4xAngle#12#10#5#2;<br>4xRound#7#3#1#2/0<br>,<br>2xFlat #11#6;<br>2xFilbert#9#4;<br>1xOval wash#8;<br>1 x Script liner#3/0<br>1 x Fan brush#0,  | No. | 10 |  |  |  |  |  |



|     |  |   |     |    |  |  |  |  |  |
|-----|--|---|-----|----|--|--|--|--|--|
|     |  | 1 x Painting Knife<br>and<br>1x Sponge.<br>Made by wooden<br>handle it provides the<br>perfect combination<br>of balance and<br>comfort.  |     |    |  |  |  |  |  |
| 22. | <b>Flexible<br/>Steel<br/>Tape(3mtr)</b> | Flexible Steel<br>Tape=(3mtr)<br>Material: Plastic &<br>Steel<br>Ruler Material: Steel<br>Scale:3Meters"  | No. | 10 |  |  |  |  |  |
| 23. | <b>Multipurpose<br/>Planer</b>           | "Multipurpose Planer-<br>Power=6-12-Amp<br>motor heavy sanding<br>,variable speed to<br>match speed to any<br>work piece and<br>vacuum port for dust<br>free sanding, Turbo<br>Mode for aggressive,<br>fast stock removal,<br>random orbit mode for<br>fine swirl-free sanding,<br>Constant response<br>circuitry maintains pad<br>speed under heavy<br>load sand protects<br>against overload=6-by-<br>12-Inch;5.3-Pound;<br>Motor Single phase<br>motor<br>Automatic Grade<br>Manual Power =3HP<br>Material Stainless Steel<br>Power Source Electric<br>Cutting<br>Blade Size=(Inches)<br>12" | No. | 1  |  |  |  |  |  |

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

|     |                             |   |     |   |  |  |  |  |  |
|-----|-----------------------------|---|-----|---|--|--|--|--|--|
|     |                             |   |     |   |  |  |  |  |  |
| 27. | <b>Spirit Level</b>         | <p>Spirit Level (Big Size)- Heavy-duty aluminium frame Open, top-read<br/>Dimensions:8.86inx1.57inx0.67in</p> <p>(22.5cmx4.0 cmx1.7 cm)<br/>Weight: (85 g)<br/>Color: Yellow<br/>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<br/>High grade forged steel blade Durable hard<br/>Wood handle</p>   | No. | 4 |  |  |  |  |  |
| 29. | <b>Concrete mixing tray</b> | <p>Size=3'-6"x3'-6"<br/>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.<br/>Size of steel float is 250 x100mm</p>  | No. | 3 |  |  |  |  |  |
| 31. | <b>Mason Hammer</b>         | <p>Mason Hammer<br/>Handle=600Gm<br/>Heavy duty carbon steel head Drop Forged Durable<br/>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<br>Handle Material<br>Wooden<br>HeadWeight:100,200,300,400,500,600,700,800Grams<br>Material :Iron   | No. | 3 |  |  |  |  |  |
| 34. | <b>Sledge Hammer</b>     | Sledge Hammer<br>Handle Material<br>Fiber Handle<br>Handle<br>Length=260mm<br>set of Weight<br>1lbs,1.1/2lbs,2lbs,3lbs,4lbs<br>Head Material: Carbon Steel<br>Color Yellow and Black" | No. | 2 |  |  |  |  |  |
| 35. | <b>Hack Saw</b>          | Hack Saw Size =12 inch<br>Material Steel<br>Weight=600 g<br>Handle Material :Plastic<br>Corrosion Resistance  | No. | 2 |  |  |  |  |  |
| 36. | <b>Water Level Pipe</b>  | Water Level Pipe<br>Material set of PVC<br>Length of Pipe<br>=3m,12m,6m<br>Thickness =5-10mm<br>Head Shape Round<br>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<br>Item<br>Weight Kgs -<br>Upto1Kg<br>Capacity -<br>Upto10Ltr<br>Shape- Round<br>Finish-Polished   | No. | 5 |  |  |  |  |  |
| 39. | <b>Pick axe</b>         | Pick axe Head<br>Material :Mild Steel<br>Finish Polished<br>Handle<br>Material=Wooden<br>Weight=800gm   | No. | 3 |  |  |  |  |  |
| 40. | <b>Shovel</b>           | Handle- Wood<br>,Rectangular<br>Trowel<br>size=120x250mm,<br>Stainless steel<br>material  | No. | 3 |  |  |  |  |  |
| 41. | <b>Batch Mixer</b>      | Mini Concrete mixture<br>half bag capacity:-<br>Drum type rotating<br>230ltrs,<br>Motorpower-1.3HP,<br>Material-M.S.  | No. | 1 |  |  |  |  |  |
| 42. | <b>Grinder</b>          | Grinder- Marble stone<br>Grinder for smoothing<br>the surface-<br>Powerful 7.9AMP motor<br>with less weight<br>(5.1lbs.),<br>Variable speed control<br>dial ,<br>Soft start | No. | 1 |  |  |  |  |  |

|     |                                     |  |     |   |  |  |  |  |  |
|-----|-------------------------------------|--|-----|---|--|--|--|--|--|
|     |                                     | feature,<br>Electronic<br>speed control<br>maintains<br>constant speed<br>under load,<br>Common fitting<br>accepts the<br>most popular<br>water hose<br>connections,<br>High power-to-<br>weight ratio for<br>reduced<br>operator<br>fatigue,<br>Housing cover<br>protects the<br>industrial die<br>cast aluminium<br>gear housing |     |   |  |  |  |  |  |
| 43. | <b>Stone<br/>cutter</b>             | Stone cutter-<br>Segmented diamond<br>disc cutting blade=4.5<br>inch<br>Diameter bore =115mm<br>x 1.9mmx22.2mm,<br>Dry or wet cutting for<br>most building materials,<br><br>13000 rpm max   | No. | 1 |  |  |  |  |  |
| 44. | <b>Hand<br/>Drillig<br/>Machine</b> | Drilling<br>Machine(Concrete Bit<br>&Wood Bit)- Cordless<br>hammer drill with ultra-<br>compact size and 12-<br>volt lithium ion battery<br>impact Energy 1.8 J  | No. | 2 |  |  |  |  |  |

|                |                        |  |     |   |  |  |  |  |  |
|----------------|------------------------|--|-----|---|--|--|--|--|--|
|                |                        | No Load Speed (in rpm) =930Rpm<br>Power Consumption=(in Watt)650<br>Full hammering frequency<br>=4600impacts/ minute<br>Rated voltage 230 V<br>Optimum drilling diameter in concrete<br>=4 - 12 mm<br>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<br/>(INR)(7= 5*6)</b> | <b>Total Price (Including GST)<br/>(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<br>or<br>Related Services   | Delivery Schedule<br>(Duration)                     | Location  | Required Arrival Date of<br>Goods or Completion<br>Date for Related<br>Services |
|---------|--|---|---|---|
|         | <b>Package Name: - Machinery and Equipment for Architect Lab</b><br><b>Package No.: - HPSDP-DOTE/WP/15</b> | Within 90 Days from the Signing<br>of the contract. | <b>Government<br/>Polytechnic(Women),<br/>Rehan District-Kangra,<br/>Himachal Pradesh</b> | Within 90 Days from the<br>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<br>or<br>Blade Thickness= (mm) 2.3<br>(2) Blade Width= (in) 2<br>or<br>Blade Width = (mm) 51<br>(3) Overall Length = (in) 9-3/4<br><br>Or<br>Overall Length= (mm) 248mm<br>(4) Type Smoothering Width= (in) 2-1/2<br>or<br>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<br>Case Type Heavy duty plastic<br>Height =6.5"<br>Length=11.125"<br>No Load (RPM)=16,500<br>Planing Depth =0" to 3/32" (up to 2.6mm)<br>Planing Width =0" to 3-1/4"<br>Rabbit Depth=5/16"<br>Rabbit Width =3-1/4"<br>Rating =120V<br>AC Voltage =120V<br>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</p> <p>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<br><br>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<br>Wood Gouge Chisel<br>Wood working Tool Handle<br>Hand Home Carving Set<br>Specifications:<br>Material: Wooden<br>+Ferromanganese Alloys<br>Chisel Type:<br>Wood Working Length=<br>230mm / 9.06 inch<br>(handlelength:100mm / 3.94")<br>Size:6mm/0.23inch,<br>12mm/0.47inch,<br>18mm/0.7inch,<br>24mm/0.94inch<br>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<br>Special Great American Tooth pattern for use on logs, etc<br>Can bere-sharpened using a large triangular file<br>British CS80 Steel, 1.5mm thick blade<br>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<br><br>(1/8",5/32",3/16"and1/4")<br>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<br>Handle Surface Color Coated<br>Material Made of wood.<br>Grade Industrial,<br>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<br>0.8x4x75mm<br>1.2x6.5x100mm<br>1.2x8x150mm<br>Phillips: PH0x75mm, PH1x75mm, PH2X100mm<br>PH3X150mm<br>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,<br><br>PZ2x100mm<br>1-Bit magnetic screw driver for 1/4"Bit(43mm)<br>20Bits: Slotted:3-4-5-6-7mm<br>Phillips: PH0-1-2-3<br>Pozi: PZ0-1-2-3<br>Tox:T10-15-20-25-30-40<br>1/4"<br>socket holder 9-1/4"<br>sockets metric system 5-6-7-8-9-10-11-12-13mm<br>with handle of PP + TPR<br>Handle Material.<br>CRV material blade with chrome plated & magnetic head. |   |          |          |                           |   |
| 16. | <b>Pincer</b>     | Pincer-Standard for ward clamp blades<br>, Rubber handle grips for a sure hold,<br>Forged steel for strength and durability<br>Drop forged from carbon steel hardened jaws.<br>Powder coated.<br>Size=80mm   | "Optimumstrength<br>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"<br>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"<br>for larger applications,360-<br>degree swivel base adjusts<br>the direction of the jaws for<br>proper placement and Locks<br>in place.                            | surface, Top jaws<br>are replaceable<br>and reversible,<br>with a serrated<br>surface on one<br>side for enhanced<br>grip and a smooth<br>side on the other<br>for handling<br>delicate items   |          |          |                                 | Pradesh -<br>Training as<br>required by<br>staff of<br>Polytechnic   |
| 18. | <b>Tri-square</b>   | Tri Square ruler<br>Made of aluminium alloy and<br>stainless steel<br>Specification=300mm   | "· High durability<br>· Blade Made from<br>Hardened Steel<br>· Non corrosive<br>· Accurate<br>dimensions<br>· Fine finish"  | standard | standard | Standard<br>operating<br>manual | To be<br>delivered at<br>Government<br>Polytechnic<br>(women),<br>RehanDistt.<br>Kangra HP in<br>Himachal<br>Pradesh -<br>Training as<br>required by<br>staff of<br>Polytechnic  |
| 19. | <b>Mitre Square</b> | Mitre Square<br>Structo-Cast handle is<br>durable and light weight<br>Durable stainless steel blade<br>features etched1/8"and cm<br>graduations<br>Measures 45° And 90°<br>angles | The essential<br>marking and<br>checking tool for<br>any woodworker,<br>these try and mitre<br>squares make<br>assessing angles<br>and marking<br>straight cuts easy<br>and accurate. The<br>Structo-Cast®<br>handle is both<br>durable and<br>lightweight, while<br>the heavy-duty<br>blade is made of | standard | standard | Standard<br>operating<br>manual | To be<br>delivered at<br>Government<br>Polytechnic<br>(women),<br>Rehan Distt.<br>Kangra HP in<br>Himachal<br>Pradesh -<br>Training as<br>required by<br>staff of<br>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]<br>4xAngle#12#10#5#2;<br>4xRound#7#3#1#2/0,<br>2xFlat #11#6;<br>2xFilbert#9#4;<br>1xOval wash#8;<br>1 x Script liner#3/0<br>1 x Fan brush#0,<br>1 x Painting Knife and<br>1x Sponge.<br>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.<br>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)<br>Material: Plastic & Steel<br>Ruler Material: Steel<br>Scale:3Meters"  | "Handy for any measuring jobs, an essential tool for crafts.<br>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                  |

|     |                            |   |  |          |          |                           |   |
|-----|----------------------------|---|--|----------|----------|---------------------------|---|
|     |                            |   | <p>falling and have a long service life.</p> <p>The tape measure is detailed and the scale is clear, so you can measure it accurately.</p> <p>Retractable multipurpose measuring tape, round shaped, flexible steel tapeline."</p> |          |          |                           | Himachal Pradesh  |
| 23. | <b>Multipurpose Planer</b> | <p>"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"</p> | <p>"The machines used for Surface Planning, Thickness, Grooving, Rebating, BladeGrinding, Cutting, Drilling, Moulding.</p> <p>"</p>  | 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<br>Saw blade<br>diameter=254mm<br>Bevel setting=45 °<br>L Cutting<br>capacity,0°89x89mm<br>Cutting capacity, 45° mitre<br>62x 130 mm Cutting<br>capacity,45°incline86x67mm<br>No-load speed =4,800 rpm<br>Saw blade bore<br>diameter=25.4mm<br>Weight=16.08kg<br>Rated input power=1,700W      | "High cutting<br>efficiency<br>and<br>cutting precision<br>High performance<br>of frequent<br>aluminium cutting" | "Allen key Saw<br>blade Wrench<br>Carton box" | standard | Standard<br>operating<br>manual | To be<br>delivered at<br>Government<br>Polytechnic<br>(women),<br>RehanDistt.<br>Kangra HP in<br>Himachal<br>Pradesh |
| 25. | <b>Paper Cutting Machine</b> | Paper cutting machine :<br>Cutting Capacity 40<br>mm(Sheet Thickness)<br>Size A3<br>Cutting Mode= Manual<br>Material of Paper cutter :Steel<br>Base<br>Plate Iron Packaging<br>Size=70x53.5 x 35 cm<br>Net Weight= 35 kg<br>Gross Weight= 36 kg<br>Maximum cutting<br>size=41x43cm.<br>Paper Cutting Usage Manual | standard   | standard                                      | standard | Standard<br>operating<br>manual | To be<br>delivered at<br>Government<br>Polytechnic<br>(women),<br>RehanDistt.<br>Kangra HP in<br>Himachal<br>Pradesh |
| 26. | <b>Plumb Bob</b>             | Plumb Bob Material :Mild<br>Steel<br>Item Weight =500Gram<br>Shape Cone<br>Finishing Golden<br>Plating with rope=1.2m.long  | standard   | standard                                      | standard | Standard<br>operating<br>manual | To be<br>delivered at<br>Government<br>Polytechnic<br>(women),<br>RehanDistt.<br>Kangra HP in<br>Himachal<br>Pradesh |

|     |                             |  |  |          |          |                           |   |
|-----|-----------------------------|--|--|----------|----------|---------------------------|---|
| 27. | <b>Spirit Level</b>         | Spirit Level (Big Size)- Heavy-duty aluminium frame Open, top-read<br>Dimensions:8.86inx1.57inx0.67in<br>(22.5cmx4.0cmx1.7 cm)<br>Weight: (85 g)<br>Color: Yellow Facilitated by the technically advanced process, Magnetic Spirit Level | "Sturdy structure<br>Long service life<br>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"<br>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.<br>Size of steel float is 250 x100mm   | "Hassle free work performance<br>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<br>Handle=600Gm<br>Heavy duty carbon steel head Drop Forged<br>Durable 70%fiber glass<br>TPR handle  | "Ideal for striking chisels and punches orriveting, shaping and bending metal<br>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<br>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<br>Handle Material Wooden<br>HeadWeight:100,200,300,400,500,600,700,800G<br>rams<br>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<br>Handle Material Fiber<br>Handle<br>Handle Length=260mm<br>set of Weight<br>1lbs,1.1/2lbs,2lbs,3lbs,4lbs<br>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<br>Material Steel<br>Weight=600 g<br>Handle Material :Plastic<br>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<br>Material set of PVC<br>Length of Pipe =3m,12m,6m<br>Thickness =5-10mm<br>Head Shape Round<br>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<br>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<br>Capacity -Upto1Kg<br>Shape- Round Finish-<br>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<br>Material :Mild Steel Finish<br>Polished<br>Handle Material=Wooden<br>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<br>Trowel size=120x250mm,<br>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<br>half bag capacity:-Drum type<br>rotating 230ltrs,<br>Motorpower–1.3HP,<br>Material-M.S. | Mixing of cement&<br>sand, Power source<br>– 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 Drilling 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<br>Full hammering frequency =4600impacts/ minute<br>Rated voltage 230 V<br>Optimum drilling diameter in concrete =4 - 12 mm<br>Drilling diameter range for hammer drill bits =4 -22mm | change "TE-C Click" chuck and user-friendly selector switch for high working comfort<br>Quick- release chuck for drilling in steel, wood, and plastics<br>Lock-on button for continuous fatigue-free use |          |          |                           | Pradesh   |
| 45. | <b>Welding Machine</b> | Power Source- Electric,<br>Welding type- Arc Welding,<br>Output current–200-300A,<br>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*