

**DIRECTORATE  
OF  
TECHNICAL EDUCATION  
VOCATIONAL AND INDUSTRIAL TRAINING  
HIMACHAL PRADESH  
SUNDERNAGAR – 175018  
SHOPPING  
FOR  
MACHINERY AND EQUIPMENTS**

8<sup>th</sup> February 2021

## SHOPPING FOR GOODS

### REQUEST FOR QUOTATION (RFQG)

**-- Note --**

- (i) *Shopping is a simplified procedure, used for low-value, readily available off-the-shelf goods. When considering Shopping, ADB should be satisfied that there are a sufficient number of local and/or foreign suppliers (a minimum of three) that can meet the requirements of the procurement and ensure a satisfactory level of price competition. The threshold for Shopping is currently set at \$100,000.*
- (ii) *Alternate texts for some paragraphs are provided. The Purchaser may select one option and delete the non-applicable option.*

**RFQ NO. GPR/03/2021****Date of Issue of Request: 08/02/2021****Project Title:** Himachal Pradesh Skill Development Project**Source of Funding:** ADB Funded: Loan No 3573-IND**Contract Ref:** **Machinery and Equipments  
HPSDP-DoTE/WP/15**

To:

All Interested Bidders (Website Copy)

Sir/Madam:

1. **The Director, Technical Education, Vocational and Industrial Training, Himachal Pradesh, Sundernagar** (Purchaser) hereby requests you to submit price quotation(s) for the supply of the following items:

- (i) **Machinery and Equipment's/Goods related to 'Machinery and Equipments' for Architect trade as per details attached as Annexure- A.**

*If you, however, have been associated with the firm that prepared the design, and specifications of the contract that is subject of this procurement, you shall be disqualified.*

To assist you in the preparation of your price quotation we enclose the necessary 'technical specifications and required quantities'.

2. You must quote for all the items under this request. Price quotations will be evaluated for all the items together and contract awarded to the firm offering the lowest evaluated total cost of all the items.
3. You shall submit **one original of the Price Quotation with the 'Form of Quotation', and clearly marked "Original"**. In addition, you shall also submit **one copy marked as "COPY"**. In case of any discrepancy between the Original and Copy, the original shall prevail. Your quotation in the attached format should be signed, sealed in an envelope and addressed to and delivered to the following address:

**Purchaser's Address:** The Director, Technical Education, Vocational and Industrial Training,  
Himachal Pradesh, Sundernagar, District Mandi – 175018

**Telephone:** 01907-266722, 266120, 266572. E-mail: techedu-hp@nic.in

4. Your quotation in duplicate and written in **English language**, should be accompanied by adequate technical documentation and catalogue(s) and other printed material or pertinent information (in English

language) for each item quoted, including names and addresses of firms providing after-sales service facilities in India.

5. The deadline for receipt of your quotation(s) by the Purchaser at the address indicated in Paragraph 3 is: **25/02/2021 up to 2:15 PM** and shall be **opened at 02:30 PM** on the same day.
6. You shall submit only one set of quotations (Original & Duplicate copy) for the above items. Your quotation must be typed or written in indelible ink and shall be signed by you or your authorized representative. **Without a signature in your Form of Quotation, your quotation will not be considered further.**
7. Your quotation(s) should be submitted as per the following instructions and in accordance with the attached form of Contract. The attached Terms and Conditions of Supply is an integral part of the Contract.
  - (i) **PRICES:** The prices should be quoted for supply and delivery to **Govt. Polytechnic for Women, Rehan, District Kangra, Himachal Pradesh**. Prices shall be quoted in the currency (**Indian National Rupees**) of the Purchaser.
  - (ii) **EVALUATION OF QUOTATIONS:** Offers determined to be substantially responsive to the technical specifications will be evaluated by comparison of their prices. An offer is not substantially responsive if it contains material deviations or reservations to the terms, conditions, and specifications in this 'Request for Quotation', and it will not be considered further. The 'Purchaser' will evaluate and compare only the quotations determined to be substantially responsive. In evaluating the quotations, the 'Purchaser' will adjust for any arithmetical errors as follows:
    - (a) where there is a discrepancy between amounts in figures and in words, the amount in words will govern;
    - (b) Where there is a discrepancy between the unit rate and the line item total resulting from multiplying the unit rate by the quantity, the unit rate as quoted will govern; and
    - (c) if a 'Supplier' refuses to accept the correction, his quotation will be rejected.

In addition to the quoted price, the evaluated price shall include 'Value Added Tax (VAT)/GST' in India.
  - (iii) **AWARD OF PURCHASE ORDER.** The award will be made to the bidder offering the lowest evaluated price and that meets the required standards of technical and financial capabilities. The successful bidder will sign a 'Contract' as per attached form of contract and terms and conditions of supply.
  - (iv) **VALIDITY OF THE OFFER:** Your quotation(s) should be valid for a period of Forty-five (45) days from the deadline for receipt of quotation(s) indicated in Paragraph-5 of this 'Request for Quotation'.
  - (v) **If you withdraw your quotation during the validity period and/or refuse to accept the award of a contract when and if awarded, then you will be excluded from the list of suppliers for the project for two years and the contract will be awarded to the next firm offering the lowest evaluated total cost of all the items (excluding your firm).**
8. Further information can be obtained from:
 

The Director, Technical Education, Vocational and Industrial Training,  
Himachal Pradesh, Sundernagar, District Mandi – 175018.  
Telephone: 01907-266572, 266722  
E-mail: [techedu-hp@nic.in](mailto:techedu-hp@nic.in); Website: <http://techedu.hp.gov.in>
9. The bidder whose quotation has been accepted will be notified of the award of contract through the 'Letter of Acceptance' issued by the 'Purchaser' within 45 days from the date of submission of quotation.
10. The 'Purchaser' intends to apply funds from the 'Asian Development Bank (ADB)' for eligible payments under the 'Purchase Order' resulting from this RFQ.
11. Under ADB's Anticorruption Policy bidders shall observe the highest standard of ethics during the procurement and execution of such contracts. ADB will reject a proposal for award, and will impose sanctions on parties involved, if it determines that the bidder recommended for award or any other party, has engaged in corrupt, fraudulent, collusive, or coercive practices in competing for, or in executing,

the 'Contract'. At the time of submission of your quotation, you should not be in ADB's sanctions list.

12. Please Confirm by e-mail the receipt of this request and whether you will submit the price quotation(s) or not.

Director  
Technical Education  
Vocational and Industrial Training  
Himachal Pradesh, Sundernagar

**FORM OF QUOTATION**

(All bidders must fill &amp; Sign this form)

To: \_\_\_\_\_ (Purchaser's Name)  
 \_\_\_\_\_ (Purchaser's Address)  
 \_\_\_\_\_

We offer to execute the \_\_\_\_\_ (name and number of Contract) in accordance with the Conditions of Contract accompanying this Quotation for the Contract Price of \_\_\_\_\_ (amount in words and numbers) (\_\_\_\_\_) (name of currency) \_\_\_\_\_. We propose to complete the delivery of Goods described in the Contract within the following Delivery Time from the Date of Signing of the Contract.

Prices and Schedules for Supply

S. No.	Item Name	Quantity	Unit Price	Total Price	Delivery Time
1.					
2.					
	<u>Spare Parts</u>	}			
	<u>Tools and Accessories</u>	}			
	<u>Manuals</u>	}			
	<u>Maintenance Requirements</u>	}			

} Specify, if applicable.

This Quotation and your written acceptance will constitute a binding Contract between us. We understand that you are not bound to accept the lowest or any Quotation you receive.

We hereby confirm that this Quotation complies with the Validity of the Offer and Warranty conditions imposed by the Request for Quotation document and the Terms and Conditions of Supply, respectively.

We have not been associated with the firm that prepared the design and specifications of the contract that is subject of this request for quotation.

We are not in the ADB sanctions list.

Authorized Signature: \_\_\_\_\_

Name and Title of Signatory \_\_\_\_\_

Name of Supplier: \_\_\_\_\_

Address : \_\_\_\_\_

Phone Number : \_\_\_\_\_

Fax Number, if any \_\_\_\_\_

Email address (optional) \_\_\_\_\_

1. The Bidder must accomplish the Form of Quotation on its letterhead clearly showing the bidder's complete name and address.
2. The bidder must submit copy of Registration Certificate, GST Registration, PAN Card of the firm with his quotation.

## FORM OF CONTRACT

THIS AGREEMENT number \_\_\_\_\_ made on \_\_\_\_\_, 201\_, between  
 \_\_\_\_\_ (hereinafter called "the Purchaser") on the one part and  
 \_\_\_\_\_ (hereinafter called "the Supplier") on the other part.

WHEREAS the Purchaser has requested for quotation for \_\_\_\_\_ (description of goods) to be supplied by Supplier, viz. Contract \_\_\_\_\_, (hereinafter called "Contract") and has accepted the Quotation by the Supplier for the supply of goods under Contract at the sum of \_\_\_\_\_ (\_\_\_\_\_) hereinafter called "the Contract Price".

NOW THIS AGREEMENT WITNESSETH AS FOLLOWS:

1. The following documents shall be deemed to form and be read and construed as part of this agreement, viz:
  - a) Form of Quotation; Terms and Conditions of Supply, Technical Specifications;
  - b) Addendum (if applicable);
2. Taking into account payments to be made by the Purchaser to the Supplier as hereinafter mentioned, the Supplier hereby concludes an Agreement with the Purchaser to execute and complete the supply of goods under the Contract and remedy any defects therein in conformity with the provisions of the Contract.
3. The Purchaser hereby covenants to pay, in consideration of the acceptance of Contract, supply and delivery of the goods and remedying of defects therein, the Contract Price in accordance with Payment Conditions prescribed by the Contract.

IN WITNESS whereof the parties hereto have executed the Contract under the **Laws of India** on the date indicated above.

**Signature and seal of the Purchaser:**

For and on behalf of

\_\_\_\_\_  
 Name of Authorized Representative

**Signature and seal of the Supplier:**

For and on behalf of

\_\_\_\_\_  
 Name of Authorized Representative

## TERMS AND CONDITIONS OF SUPPLY

**Project Name:** Himachal Pradesh Skill Development Project

**Purchaser:** The Director, Technical Education, Vocational and Industrial Training,  
Himachal Pradesh, Sundernagar, District Mandi – 175018

Package name: Embroidery and Sewing Technology related items

Package No. HPSPDP-DOTE/16

1. Schedules for Supply: Attached as **Annexure - A**
2. Fixed Price: The prices indicated in the Form of Quotation are firm and fixed and not subject to any adjustment during contract performance.
3. Delivery Schedule: The delivery should be completed as per above schedule but not exceeding 180 days from the date of signing of contract.
4. Insurance: The Goods supplied under the Contract shall be fully insured in a freely convertible currency against loss or damage incidental to manufacture or acquisition, transportation, storage and delivery. The insurance shall be in an amount equal to 110 percent of the value of the Goods on "All risks" basis.
5. Applicable Law: The Contract shall be interpreted in accordance with the laws of the Purchaser's country.
6. Resolution of Disputes: The Purchaser and the Supplier shall make every effort to resolve amicably by direct informal negotiation any disagreement or dispute between them under or in connection with the Contract. In the case of a dispute between the Purchaser and the Supplier, the dispute shall be settled in accordance with the provisions of the **Laws of India within the jurisdiction of the Sundernagar (HP) Court.**
7. Delivery and Documents: Upon delivery, the Supplier shall provide the following documents to the Purchaser:
  - (i) copies of the Supplier's invoice showing goods' description, quantity, unit price, and total amount;
  - (ii) manufacturer's or supplier's warranty certificate; and
  - (iii) certificate of origin.

If goods are coming by courier, supplier shall also provide prior to delivery, copies of documents that will enable Purchaser to receive the goods. The above documents shall be received by the Purchaser at least one week before arrival of the goods and, if not received, the Supplier shall be responsible for any consequent expenses.
8. Payment: Payment of the contract price shall be made in the following manner:
  - a) **80% upon receipt by the Purchaser of the delivered goods on site in accordance with the contract;**
  - b) **10% upon acceptance of the delivered goods by the Purchaser, and**
  - c) **10% will be kept as performance security and shall be released after satisfactory Performance Certificate from the Principal of the user institute i.e. Govt. Polytechnic for women Rehan, District Kangra, Himachal Pradesh after completion of warranty period of 365 days.**
9. Warranty: Goods offered should be covered by manufacturer's warranty for at least 365 Days from the date of delivery to the Purchaser.
10. Defects: All defects will be corrected by the Supplier without any cost to the Purchaser within 30 day from the date of notice by Purchaser. The name and address of service facility where the defects are to be corrected by the supplier within the warranty period are:

Facility: **Govt. Polytechnic for women Rehan.**  
Address: **Govt. Polytechnic for women Rehan,**

**District Kangra, Himachal Pradesh**

11. Force Majeure: The supplier shall not be liable for penalties or termination for default if and to the extent that it's delays in performance or other failure to perform its obligations under the Contract is the result of an event of Force Majeure.

For purposes of this clause, "Force Majeure" means an event beyond the control of the Supplier and not involving the Supplier's fault or negligence and not foreseeable. Such events may include, but not restricted to, act of Purchaser in its sovereign capacity, wars or revolutions, fires, floods, epidemics, quarantine restrictions, and freight embargoes.

If a Force Majeure situation arises, the Supplier shall promptly notify the Purchaser in writing of such condition and the cause thereof. Unless otherwise directed by the Purchaser in writing, the Supplier shall continue to perform its obligations under the Contract as far as is reasonably practical and shall seek all reasonable alternative means for performance not prevented by Force Majeure event.

12. Required Technical Specifications: (with attachments as necessary)

- (i) General Description
- (ii) Specific details and technical standards
- (iii) Performance Parameters

Supplier confirms compliance with above specifications.

13. Failure to Perform: The Purchaser may cancel the 'Agreement' if the 'Supplier' fails to deliver the Goods, in accordance with the above terms and conditions, in spite of a 14-day notice given by the 'Purchaser', without incurring any liability to the 'Supplier'.

NAME OF SUPPLIER: \_\_\_\_\_

Authorized Signature: \_\_\_\_\_

Place: \_\_\_\_\_

Date: \_\_\_\_\_



## **Annexure A**

# **Schedule of supply**

## **Contents**

1. List of Goods and Related Services
2. Delivery and Completion Schedule
3. Technical Specifications
4. Drawings

# 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/15; RFQ NO. GPR/03/2021

Package Name: Machinery and Equipments								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.	<b>Smoothing Plane</b>	"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.	<b>Router Plane</b>	Router Plane- Solid cast iron body, Comfortable grip for precision control, Easily adjustable blade, Blade measures 1/4-Inch wide,	No.	5					

		Basemeasures 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" (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.	<b>Hand Saw</b>	"Blade Length (in) 20 in Handle Material lastic/Rubber Overall Length (in) 23 in Points Per In 10 in	No.	7					

		Teeth per Inch 11"							
5.	<b>Tenon Saw</b>	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.	<b>Key Hole Saw</b>	"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.	<b>Bow Saw</b>	21" Bow Saw High-carbon, heat-treated spring-steel blade Width: 215 mm, Length: 625 mm, Weight: 500 g	No.	5					
8.	<b>Mortise Chisel</b>	"Overall Length 7 and 6 Inch 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, bevelled edges,	No.	10					

		with flat hornbeam handle							
10.	<b>Gauge Chisel</b>	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.	<b>Cross Cut Saw</b>	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-	No.	5					

		sharpened with a large triangular file							
12.	<b>Gimlet</b>	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.	<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 Material CRV 6150 material of 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 driver for 1/4" Bit(43mm)	set	7					

		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 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.	<b>Bench Vice</b>	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	No.	5					

		swivel base adjusts the direction of the jaws for proper placement and locks in place.							
18.	<b>Tri square</b>	Tri Square ruler Made of aluminium alloy and stainless steel The scale meets the GB standard Clear and wearable Specification 300mm	No.	10					
19.	<b>Mitre Square</b>	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.	<b>Painting Gun</b>	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.	<b>Painting Brushes</b>	"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.	<b>Flexible Steel Tape (3 mtr)</b>	"Flexible Steel Tape (3 mtr) Material: Plastic&Steel Ruler Material:Steel Scale: 3 Meters"	No.	10					
23.	<b>Multipurpose Planer</b>	"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-	set	1					

		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.	<b>Mitre Saw Machine</b>	"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.	<b>Paper Cutting Machine</b>	Paper cuttingmachine: 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.	<b>Plumb Bob</b>	Plumb Bob Material Mild Steel Item Weight 500 Gram Shape Cone	No.	5					

		Finishing Golden Plating with rope 1.2m. long							
27.	<b>Spirit Level</b>	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.	<b>Trowels</b>	Set of Trowels of Different Types- Fine polishing treatment High grade forged steel blade Durable hard wood handle	set	4					
29.	<b>Concrete mixing tray</b>	Size 3'-6" x 3'-6" Material – M.S. with handle both side	No.	3					
30.	<b>Steel Float</b>	Steel Float is smooth, spread and also for finishing of cement. Size of steel float is 250 x 100 mm	No.	3					
31.	<b>Mason Hammer</b>	Mason Hammer Handle 600Gm Heavy duty carbon steel head Drop	No.	5					

		Forged Durable 70% fiberglass TPR handle							
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.	No.	3					
33.	<b>Cross Peen Hammer</b>	"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.	<b>Sledge Hammer</b>	"Sledge Hammer Handle Material Fiber Handle. Length 260mm set of Weight 1lbs,1.1/2lbs, 2lbs,3lbs,4lbs Head Material Carbon Steel Color Yellow and Black"	set	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	set	3					

		inch							
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 - Up to 1 Kg Capacity -Up to 10 Ltr Shape- Round Finish- Polished	No.	5					
39.	<b>Pick axe</b>	"Pick axe Head Material Mild Steel Finish Polished Handle Material Wooden Weight 800 gm	No.	3					
40.	<b>Shovel</b>	Handle- Wood , Rectangular Trowel size 120 x 250 mm , Stainless steel material	No.	3					
41.	<b>Batch Mixer</b>	Mini Concrete mixture half bag capacity:- Drum type rotating 230 ltrs , Motor power – 1.3 HP , Material- M.S.	No.	1					
42.	<b>Grinder</b>	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	No.	1					

		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 1.9mm x 22.2mm,Dry or wet cutting for most building materials,13000 rpm max	No.	1					
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) 930 Rpm Power Consumption (in Watt) 650 W Full hammering frequency 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	No.	2					
45.	<b>Welding Machine</b>	Power Source- Electric, Welding type- Arc Welding , output current – 200-300 A, Motor	No.	1					

		type- AC Motor							
<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>		
<b>Grand Total (With 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 Equipments</b> <b>Package No.: - HPSPDP-DOTE/WP/15</b>	Within 180 Days from the Signing of the contract.	<b>Government Polytechnic(Women),</b> <b>Rehan District-Kangra,</b> <b>Himachal Pradesh</b>	Within 180 Days from the Signing of the contract.



### 3. Technical Specifications

**Package Name: - Machinery and Equipments**

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.	<b>Smoothening Plane</b>	"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 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-flammable, non-toxic)"	standard	Standard operating manual	To be delivered at Government Polytechnic (women), RehanDistt. Kangra HP in Himachal Pradesh - Training as required by staff of Polytechnic	3 years

2.	<b>Router Plane</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), RehanDistt. Kangra HP in Himachal Pradesh - Training as required by staff of Polytechnic	3 years
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" (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	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.	"BLADE SHARPENING SYSTEM Provides complete system for accurate and precise sharpening	standard	Standard operating manual	To be delivered at Government Polytechnic (women), RehanDistt. Kangra HP in Himachal Pradesh - Training as required by staff of Polytechnic	3 years

		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. "	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).					
4.	<b>Hand Saw</b>	"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	Cover or Hand sawkit	standard	Standard operating manual	To be delivered at Government Polytechnic (women), RehanDistt. Kangra HP in Himachal Pradesh - Training as required by staff of Polytechnic	3 years

			Total length of 20 in. fits conveniently in most toolboxes"					
5.	<b>Tenon Saw</b>	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/Case	standar d	Standard operating manual	To be delivered at Government Polytechnic (women), RehanDistt. Kangra HP in Himachal Pradesh - Training as required by staff of Polytechnic	3 years
6.	<b>Key Hole Saw</b>	"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 woodworking, carpentry, and	standard	standar d	Standard operating manual	To be delivered at Government Polytechnic (women), RehanDistt. Kangra HP in Himachal Pradesh - Training as required by staff of Polytechnic	

			hobby applications					
7.	<b>Bow Saw</b>	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	standar d	Standard operating manual	To be delivered at Government Polytechnic (women), RehanDistt. Kangra HP in Himachal Pradesh - Training as required by staff of Polytechnic	3 years
8.	<b>Mortise Chisel</b>	"Overall Length 7 and 6 Inch Material Iron Packaging Size Packet Blade Width 33- 38 mm Finish Brushed with wooden handle"	Optimum quality, Superior strength resistant to rust with well-seasoned wooden handle	standard	standar d	Standard operating manual	To be delivered at Government Polytechnic (women), RehanDistt. Kangra HP in Himachal	3 years

							Pradesh - Training as required by staff of Polytechnic	
9.	<b>Firmer Chisel</b>	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), RehanDistt. Kangra HP in Himachal Pradesh - Training as required by staff of Polytechnic	3 years
10.	<b>Gauge Chisel</b>	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), RehanDistt. Kangra HP in Himachal Pradesh - Training as required by staff of Polytechnic	3 years
11.	<b>Cross Cut Saw</b>	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	"Beech handle, plus auxiliary handle for use as a two-man version if required Special Great American Tooth pattern for use on	standard	standard	Standard operating manual	To be delivered at Government Polytechnic (women), RehanDistt. Kangra HP in Himachal	3 years

		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	logs, etc Can be re-sharpened using a large triangular file British CS80 Steel, 1.5mm thick blade Each tooth is hand set"				Pradesh - Training as required by staff of Polytechnic	
12.	<b>Gimlet</b>	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), RehanDistt. Kangra HP in Himachal Pradesh - Training as required by staff of Polytechnic	3 years
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 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), RehanDistt. Kangra HP in Himachal Pradesh - Training as required by staff of Polytechnic	3 years

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), RehanDistt. Kangra HP in Himachal Pradesh - Training as required by staff of Polytechnic	3 years
15.	<b>Screw Driver</b>	"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 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."	"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), RehanDistt. Kangra HP in Himachal Pradesh - Training as required by staff of Polytechnic	3 years



16.	<b>Pincer</b>	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), RehanDistt. Kangra HP in Himachal Pradesh - Training as required by staff of Polytechnic	3 years
17.	<b>Bench Vice</b>	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 direction of the jaws for proper placement and locks in place.	Ductile iron body is durable and strong for extended life, and has two flat portions that act as an anvil and additional work 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	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	3 years
18.	<b>Tri square</b>	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), RehanDistt. Kangra HP in Himachal Pradesh -	3 years

							Training as required by staff of Polytechnic	
19.	<b>Mitre Square</b>	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® 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.	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	3 years

20.	<b>Painting Gun</b>	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 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."	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
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21.	<b>Painting Brushes</b>	"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), RehanDistt. Kangra HP in Himachal Pradesh	standard
22.	<b>Flexible Steel Tape (3 mtr)</b>	"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), RehanDistt. Kangra HP in Himachal Pradesh	standard
23.	<b>Multipurpose Planer</b>	"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,	"The machines used for Surface Planning, Thickness, Grooving, Rebating,	standard	standard	Standard operating manual	To be delivered at Government Polytechnic (women), RehanDistt.	3 years

		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 Source Electric Cutting Blade Size (Inches) 12"	Blade Grinding, Cutting, Drilling, Moulding. "				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° 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), RehanDistt. Kangra HP in Himachal Pradesh	3 years
25.	<b>Paper Cutting Machine</b>	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), RehanDistt. Kangra HP in Himachal Pradesh	3 years

26.	<b>Plumb Bob</b>	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 Himachal Pradesh	3 years
27.	<b>Spirit Level</b>	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.	<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	3 years

29.	<b>Concrete mixing tray</b>	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), RehanDistt. Kangra HP in Himachal Pradesh	3 years
30.	<b>Steel Float</b>	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), RehanDistt. Kangra HP in Himachal Pradesh	1 year
31.	<b>Mason Hammer</b>	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), RehanDistt. Kangra HP in Himachal Pradesh	1 year
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 rubber grip Chrome plated"	standard	standard	Standard operating manual	To be delivered at Government Polytechnic (women), RehanDistt. Kangra HP in Himachal Pradesh	3 years

33.	<b>Cross Peen Hammer</b>	"Cross Pan Hammer Handle Material Wooden Handle, set of Head Weight: 100,200,300,400,500,600,700 ,800 Grams Material Iron"	standard	standard	standar d	Standard operating manual	To be delivered at Government Polytechnic (women), RehanDistt. Kangra HP in Himachal Pradesh	3 years
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"	standard	standard	standar d	Standard operating manual	To be delivered at Government Polytechnic (women), RehanDistt. Kangra HP in Himachal Pradesh	3 years
35.	<b>Hack Saw</b>	Hack Saw Size 12 inch Material Steel Weight 600 g Handle Material Plastic Corrosion Resistance	standard	standard	standar d	Standard operating manual	To be delivered at Government Polytechnic (women), RehanDistt. Kangra HP in Himachal Pradesh	3 years
36.	<b>Water Level Pipe</b>	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	standar d	Standard operating manual	To be delivered at Government Polytechnic (women), RehanDistt. Kangra HP in Himachal Pradesh	1 year



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	standar d	Standard operating manual	To be delivered at Government Polytechnic (women), RehanDistt. Kangra HP in Himachal Pradesh	1 year
38.	<b>Iron pan(Tasla)</b>	Material- Iron Item Weight Kgs -Up to 1 Kg Capacity -Up to 10 Ltr Shape- Round Finish- Polished	Durable and strong	standard	standar d	Standard operating manual	To be delivered at Government Polytechnic (women), RehanDistt. Kangra HP in Himachal Pradesh	1 year
39.	<b>Pick axe</b>	"Pick axe Head Material Mild Steel Finish Polished Handle Material Wooden Weight 800 gm	standard	standard	standar d	Standard operating manual	To be delivered at Government Polytechnic (women), RehanDistt. Kangra HP in Himachal Pradesh	3 years
40.	<b>Shovel</b>	Handle- Wood , Rectangular Trowel size 120 x 250 mm , Stainless steel material	For use in construction	standard	standar d	Standard operating manual	To be delivered at Government Polytechnic (women), RehanDistt. Kangra HP in Himachal Pradesh	3 years

41.	<b>Batch Mixer</b>	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), RehanDistt. Kangra HP in Himachal Pradesh	3 years
42.	<b>Grinder</b>	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), RehanDistt. Kangra HP in Himachal Pradesh	3 years
43.	<b>Stone cutter</b>	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), RehanDistt. Kangra HP in Himachal Pradesh	3 years

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) 930 Rpm Power Consumption (in Watt) 650 W Full hammering frequency 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	Triple-mode SDS rotary hammer (hammer drilling plus 2 gears for rotary-only drilling) Sturdy motor with high 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	standard	standar d	Standard operating manual	To be delivered at Government Polytechnic (women), RehanDistt. Kangra HP in Himachal Pradesh	3 years
45.	<b>Welding Machine</b>	Power Source- Electric, Welding type- Arc Welding , output current – 200-300 A, Motor type- AC Motor	Portable , Single phase arc Welding	Standard	standar d	Standard operating manual	To be delivered at Government Polytechnic (women), RehanDistt. Kangra HP in Himachal Pradesh	3 years

## **4. Drawings**

*Not Applicable*