

**DIRECTORATE  
OF  
TECHNICAL EDUCATION  
VOCATIONAL AND INDUSTRIAL  
TRAINING**

**HIMACHALPRADESH  
SUNDERNAGAR – 175018**

**SHOPPING  
FOR  
STRETCH BLOW MOULDING MACHINE &  
PIPE EXTRUDER**

**HPSDP-DOTE/29**

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.*

No. STV(IT)H-F(7)-2/NCVT/ADB/Package-04/Vol-VI-

113382

RFQ NO. 29 /2022

Date of Issue of Request: 28/12.2022

**Project Title:** Himachal Pradesh Skill Development Project

**Source of Funding:** ADB Funded: Loan No 3573-IND

**Contract Ref:** Stretch Blow moulding machine & Pipe Extruder; HPSDP-DOTE/29

To:

All eligible suppliers/vendors

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) Stretch Blow moulding machine & Pipe Extruder 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: 01907-266120, 266722, 266572. E-mail: [techedu-hp@nic.in](mailto: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: **19.01.2023 upto 01:15 PM** and shall be **opened at 02:30 PM** on the same day.
  6. You shall submit only one set of quotations 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 as per **Delivery Schedule indicated in Annexure-A**. 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 '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: 01907-266120, 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. The Purchaser reserves the right to accept or reject any quotation, and to annul the process and reject all the quotations at any time prior to Contract award, without thereby incurring any liability to the suppliers.
13. **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 

Endst.No. STV(IT)H-F(7)2/NCVT/ADB/Package-04/Vol-VI- 113384-385 Dated: 28/12/2022

1. The MD, HPKVN, SDA Complex, Block Number 24, 2nd floor, STPI Building Shimla, District Shimla, Himachal Pradesh for information please. You are further requested to upload the notice on the website for wide publicity.
2. Technical Officer – II/CCDC branch (internal) to upload the information on the official website.



Director  
Technical Education  
Vocational and Industrial Training  
Himachal Pradesh, Sundernagar 

## FORM OF QUOTATION

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

<u>Time</u>	<u>S. No.</u>	<u>Item Name</u>	<u>Quantity</u>	<u>Unit Price</u>	<u>Total Price</u>	<u>Delivery</u>
	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 \_\_\_\_\_, 2022, 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

**Signature and seal of the Supplier:**  
For and on behalf of

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

\_\_\_\_\_  
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:** **Stretch Blow moulding machine & Pipe Extruder**

**Package No.** HPSPDP-DOTE/29

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 60 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) 90% upon receipt by the Purchaser of the delivered goods on site in accordance with the contract; and**
  - b) 10% upon acceptance of the delivered goods by the Purchaser.**
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 days 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 as per delivery locations attached as Annexure-A:

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: \_\_\_\_\_

<b>Delivery Locations</b> <b>Package: HPSDP-DOTE/29</b> <b>Stretch Blow moulding machine &amp; Pipe Extruder</b>				
<b>Sr. No.</b>	<b>Item Name</b>	<b>Govt. ITI Mehatpur</b>	<b>Govt. ITI Shahpur</b>	<b>Total Quantity</b>
1	Stretch Blow Moulding Machine of 1 Litre capacity with mould	0	1	1
2	Automatic Screw Type Injection Moulding machine 25T capacity	1	0	1
3	Extruder of 40 kg/hr Plasticizing capacity	0	1	1

# Schedule of supply

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# 1. List of Goods and Related Services

**Package Name:** Supply of Stretch Blow moulding machine & Pipe Extruder for Industrial Training Institutes to enhance technical and vocational skills among the youth of Himachal Pradesh. HPSPDP-DOTE/29; RFQ No. 29/2022

<b>Lot No: Not Applicable</b>									
<b>Lot Name: Not Applicable</b>								<b>Delivery Time (in days): not more than 60</b>	
<b>Item No</b>	<b>Name of Goods or Related Services</b>	<b>Description</b>	<b>Unit of Measure -ment</b>	<b>Quantity</b>	<b>Unit Price INR</b>	<b>Total price per item INR</b>	<b>Sales and other taxes per item</b>	<b>Total Price (Including GST)</b>	<b>Remarks</b> (Please mention Page Number of detailed information brochure having make and model no.)
<b>1</b>	<b>2</b>	<b>3</b>	<b>4</b>	<b>5</b>	<b>6</b>	<b>7=5*6</b>	<b>8=7*@GST%</b>	<b>9=7+8</b>	
1.	Stretch Blow Moulding Machine of 1 Litre capacity with mould	Stretch Blow Moulding Machine of 1 Litre capacity with mould, as per technical specifications	No.	1					
2.	Automatic screw type Injection Moulding Machine 25T capacity	Automatic screw type Injection Moulding Machine, as per technical specifications	No.	1					
3.	Extruder of 40 kg/hr. Plasticizing capacity	Extruder of 40 kg/hr. Plasticizing capacity, as per technical specifications	No.	1					

## 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
1 to 3	As per Schedule 1 – List of Goods and Related Services	Within 60 Days from the Signing of the contract.	<b>As per delivery locations attached as Annexure-A</b>	Within 60 Days from the Signing of the contract.

### 3. Technical Specifications

Besides the supply of equipment, the bidder shall also carry-out required related services including unloading, installation & commissioning, after sales warranty & maintenance as well as the relevant handholding to the trainers of the ITI for proper usage and operations. The bidder shall do the necessary site preparation including electrical work, earthing, minor civil work, etc. as required for installation & commissioning of the equipment's/goods. While doing the site preparation the bidder shall ensure that aesthetics of the labs/workshops, IT Lab and the Library shall maintain/restored.

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.	Stretch Blow Moulding Machine of 1 Litre capacity with mould	<b>Stretch Blow Moulding Machine-1 Litre with mould :</b> - Capacity - 50 ml to 1000 ml minimum - Production Capacity - 1100~1200 BPH - Max. Mould thickness - 150 MM - Min. Mould thickness - 140 MM - Clamping force - 8 Ton <b>Oven:</b> - Number of Preform Holders - 74 - Number of Heating modules - 1 - Number of Heating zones - 6 - Lamp Power - 2000 W - Number of stretch Rods - 2 - Stretching stroke Max. - 400 MM	- Infrared pre-heating system - Indexing conveyor - Steady perform rotating in pre-heater - Total Mercury pneumatic system & water cooling system (push & pull type) - Hydro-pneumatic locking systems with tools - 24 mould memory in PLC - 1 no. Neck Mandrel	- one no. suitable mould - Compressor: 20 HP High pressure, 2 nos. of cylinders, 3 piston, Displacement, CFM – 49.50, - Tank Capacity – 500 ltr. - 2 TR Chiller, Capacity: 9075 Kcal/hr., Compressor - Temperature: 16 to 18c - Air Dryer, 40 CFM / 40 BAR	- Standard	- User/Operating Manual - List of Service Centres in India - Warranty Certificate	- To be supplied and installed at designated ITI's in Himachal Pradesh - Training as required by staff of ITI	- Two years from Date of Installation

				- Other standard accessories				
2.	Automatic screw type Injection Moulding Machine 25T capacity	1. Tie Bar Distance: 260mm*260mm 2. Injection Stroke :80mm 3. Ejecter Stroke :100mm 4. Minimum mould height: 150mm 5. Motor Capacity: 10 HP 6. Screw Dia: 20mm 7. Platen Size : 390*390 mm 8. Short weight: 50 gm 9. Day Light Opening: 480mm 10. Clamping Way : Hydraulic 11. All Other mountings and accessories required for proper working of Machine	- Five-point double clamping system of steel	- One No. suitable mould - Other standard Accessories	- Standard	- User/Operating Manual - List of Service Centres in India - Warranty Certificate	- To be supplied at designated ITI's in Himachal Pradesh - Training as required by staff of ITI	- Two years from Date of Installation
3.	Extruder of 40 kg/hr. Plasticizing capacity	<b>Extruder of 40 kg/hr. Plasticizing capacity with Die -18inch LFW &amp; Accessories :</b> - Maximum output: 40Kg/Hr. - Film : Single Layer Flattened Tubular - Film Layout Width ( LFW) : 300 - 650 mm for HDPE ;Thickness : 6-70 micron ; Output : 40-45Kg/Hr <b>EXTRUDER :</b> -Screw dia x L/D : 40 x 24mm - Control Through Variable Frequency AC Drive - Speed reducer type :Helical gear box with inbuilt thrust bearing , Lubrication : Sump type - Hopper Capacity : 35 litre; - No. of heating zones : 2 ; Barrel cooling : 1 No. cooling blower - Screen Pack : Cylindrical screen pack with strainer <b>DIE :</b> - Die size : 100 mm ;Design : Spiral Mandrel type; Working direction :Upwards - Material & surface Treatment : High strength steel with - Electro-less Nickel plating on full melt path. - Die gap adjustment : By moving die ring with the adjusting bolts - No of heating zones : 05	- Power transmission Through pulley and V –belts - Material for screw and barrel : Nitralloy steel , gas nitrided <b>Controls are housed in the cabinet including :-</b> - PID temperature controllers - Ammeter for indicating heating load of any individual zones. - Screw speed indicator. - Main isolator (On/Off) switch. - Other necessary electrical components like MCBs, Contactors, Relays, Push Buttons	-Standard	- Standard	- User/Operating Manual - List of Service Centres in India - Warranty Certificate	- To be supplied and installed at designated ITI's in Himachal Pradesh - Training as required by staff of ITI	- Two years from Date of Installation

		<p><b>COOLING SYSTEM AIR COOLING RING :</b> Type : Single lip</p> <p><b>COOLING BLOWER :</b> Type : Centrifugal Drive type/load , 2.2KW , AC Induction motor</p> <p><b>TAKE OFF UNIT NIP ROLLER UNIT :</b> Roll width : 750mm ; Roll material : One rubber roller &amp; one steel roller; - Nip actuation : Pneumatic; - Power Transmission : Through Chain &amp; Sprocket ; Haul-off speed rang : 8-80 m/min</p> <p><b>COLLAPSING BOARD:</b> Type :Fix type, mounted on MS frame ;Contact Material: Velvet on Wooden Slat</p> <p><b>SINGLE STATION WINDER :</b> Type : Surface winder ; Roller width : 750mm; Roller Material : Neoprene Rubber, Application: Winding of flattened film ; No of stations :One - Winder drive : AC;Torque, Expander roller: Base Standard roller - Core Tube Details: 75 (ID) x 95 (OD) x 750 (L)</p> <p><b>ELECTRICALS :</b>Temperature controllers : Standard make Digital PID - controllers Range 0 - 400° C (± 1° C) with necessary circuitry Drive ;Variable frequency AC Drive with necessary circuitry - Switch Gears : Reputed make and of adequate capacity; Panels : Powder coated Panels with exhaust fan</p> <p><b>CONNECTED LOAD :</b> Drive Load : 15 KW ; Heating Load : 15KW</p>	<p>(On/Off), etc. - "PID" thermo controller with "SCR" output temperature systems to minimize power consumption and maintain temperature levels - High efficiency driving motor and gears.</p>					
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## **4. Drawings**

*Not Applicable*