

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

**HIMACHAL PRADESH  
SUNDERNAGAR – 175018**

**SHOPPING  
FOR  
EXTRUDING MACHINES**

**HPSDP-DOTE/27**



## 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-

113395

RFQ NO. 27/2022

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:** Extruding Machines; HPSDP-DOTE/27

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) Extruding Machines 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-

113396-397 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

\_\_\_\_\_  
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:** **Extruding Machines**

**Package No.** HPSDP-DOTE/27

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: \_\_\_\_\_



**Delivery Locations**  
**Package No. HPSPDP-DOTE/27**  
**Extruding Machines**

<b>Sr. No.</b>	<b>Item Name</b>	<b>Govt. ITI Shahpur</b>
1	Extruder of 40kg/hr Plasticizing capacity with re-processing die and granulator/cutter for PE & PP.	1
2	Pipe extruder of Minimum 40 kg/hr. Plasticizing capacity with pipe die 0.5 inch and 1 inch	1

# Schedule of supply

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# 1. List of Goods and Related Services

**Package Name:** Supply of Extruding machines for Industrial Training Institutes to enhance technical and vocational skills among the youth of Himachal Pradesh.  
**HPSDP-DOTE/27; RFQ No. 27/2022**

<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.	Extruder of 40kg/hr Plasticizing capacity with re-processing die and granulator/cutter for PE & PP.	Extruder of 40kg/hr Plasticizing capacity with re-processing die and granulator/cutter for PE & PP, as per technical specifications	No.	1					
2.	Pipe extruder of Minimum 40 kg/hr. Plasticizing capacity with pipe die 0.5 inch and 1 inch	Pipe extruder of Minimum 40 kg/hr. Plasticizing capacity with pipe die 0.5 inch and 1 inch, 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 2	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

#### HPSDP-DOTE/27

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.	Extruder of 40kg/hr Plasticizing capacity with re-processing die and granulator/cutter for PE & PP.	<b>Extruder of 40 kg/hr Plasticizing capacity with re-processing die and granulator/cutter for PE &amp; PP.</b> with the following minimum specifications: - Output: 40Kg /hr - Screw dia x L/D : 40 x 24mm - Control : Through Variable Frequency AC Drive - Speed reducer type : Helical gear box with inbuilt thrust bearing, - Feed section : Grooved sleeve - Thrust capacity (Dynamic) : 397KN - Lubrication : Sump type - Power transmission :Through pulley and V–belts - Hopper Capacity : 35 litre. , Stainless Steel - Material for screw and barrel : Nitralloy steel - Barrel heating load : with ceramic heaters) - Barrel cooling : 1 No. cooling blower - Screen Pack : Cylindrical screen pack with strainer - Heating load : with ceramic heaters) - Temperature controllers : Digital PID controllers, Range0- 400°C.	<b>Controls are housed in the cabinet including:-</b> - PID temperature controllers, each with a built in indication to specify the deviation of any zone from the set temperature. - 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 (On/Off), etc. - "PID" thermo	- Pair of compression plates of diameter: 120 mm - Two no Ceramic Band Heater for barrel - Other standard accessories	- 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

		- A motorized cutter with motor for PE & PP	controller with "SCR" output temperature systems to minimize power consumption and maintain temperature levels - High efficiency driving motor and gears.					
2.	Pipe extruder of Minimum 40 kg/hr. Plasticizing capacity with pipe die 0.5 inch and 1 inch	<p><b>Pipe extruder of Minimum 40 kg/hr. Plasticizing capacity with pipe die 0.5 inch and 1 inch:</b> with the following minimum specifications;</p> <ul style="list-style-type: none"> <li>- Maximum output: 40Kg/hr</li> <li>- Screw dia x L/D Ratio : 65mm, 28:1</li> <li>- Screw Speed Range : 14 - 140rpm</li> <li>- Barrel Heating : Ceramic Band Heaters</li> <li>- Heating load:10.5Kw, No. of zones : 5</li> <li>- Barrel Cooling : Provided in 5 zones each by means of 0.18 Kw, having auto on-off arrangement.</li> <li>- Feed system: Hopper of 125 liter. capacity.</li> <li>- Main motor rating :AC Motor,</li> <li>- Drive : AC variable frequency drive</li> </ul> <p><b>DIE HEAD</b> Pipe dia range : 20 to 50 mm No. of heating zones : 5</p> <p><b>VACUUM SIZING TANK</b> Cross Section of Tank Profile Octagonal</p> <ul style="list-style-type: none"> <li>- Standard Pipe dia range :20 – 110mm;</li> <li>- Length of cooling section : 6000mm</li> <li>- Through Size: 325 x 350mm;</li> <li>- Vacuum Pump, Spray Pump</li> <li>- Centre height of work: 1150mm</li> </ul> <p><b>TUBE TRACTION UNIT.</b> - Pipe size :20- 110 mm; No. of Tracks :2; Length of contact: 800 mm - Operating distance of grips Min. 0 mm, Max. 250 mm</p>	<ul style="list-style-type: none"> <li>- Screw &amp; Barrel material Nitride hardened, ground and polished.</li> <li>- Barrel Single piece, cylindrical type with central feed opening</li> <li>- Feed section should have jacket type construction for water cooling.</li> <li>- Glass windows for visual inspection and chute arrangement provided.</li> <li>- Transmission system By V belts from main motor to helical gear box.</li> <li>- Safety guards should be provided.</li> <li>- CONTROL SYSTEM Control Cabinet fabricated from steel sheets mounted on a sturdy fabricated frame.</li> <li>- Controls are housed in the cabinet including:-</li> </ul>	<ul style="list-style-type: none"> <li>- 20 meter high pressure pipe</li> <li>- Other standard accessories</li> </ul>	- Standard	<ul style="list-style-type: none"> <li>- User/Operating Manual</li> <li>- List of Service Centres in India</li> <li>- Warranty Certificate</li> </ul>	<ul style="list-style-type: none"> <li>- To be supplied and installed at designated ITI's in Himachal Pradesh</li> <li>- Training as required by staff of ITI</li> </ul>	- Two years from Date of Installation



		<p><b>TUBE CUTTING UNIT.</b></p> <ul style="list-style-type: none"> <li>- Pipe dia range :20 - 110 mm ; Blade dia : 350 mm ; Trolley stroke : 1100 mm</li> <li>- No. of cuts :12; Cutter, Trolley Retraction Pneumatic cylinder 50x1200mm</li> </ul> <p><b>UTILITIES REQUIRED</b></p> <ul style="list-style-type: none"> <li>- Compressed Air : 2.5 m3/hr. at 7 Bar;</li> <li>- Cooling Water : 6.6 lps (22m head) 15 °C</li> <li>- Chilling Plant : 2.5 TR;</li> <li>- Electrical Power Supply : 415V, 3 Phase, 50 Hz</li> <li>- Voltage Stabilizer of suitable capacity.</li> <li>- Material: HDPE</li> </ul>	<ul style="list-style-type: none"> <li>- PID temperature controllers, each with a built in indication to specify the deviation of any zone from the set temperature.</li> <li>- Ammeter for indicating heating load of any individual zones.</li> <li>- Screw speed indicator.</li> <li>- Main isolator (On/Off) switch.</li> <li>- Other necessary electrical components like MCBs, Contactors, Relays, Push Buttons (On/Off), etc.</li> <li>- "PID" thermo controller with "SCR" output temperature systems to minimize power consumption and maintain temperature levels</li> <li>- High efficiency driving motor and gears.</li> </ul>					
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## **4. Drawings**

*Not Applicable*