



# COEP Technological University

A Unitary Public University of Government of Maharashtra  
(Formerly College of Engineering Pune)

## Department of Mechanical Engineering

Wellesley Road, Shivajinagar, Pune-411005, Maharashtra, India

Tel- 02025507009/7900 Fax- 02025507099 Email- hod.mech@coeptech.ac.in Website- www.coeptech

### Enquiry Letter

Sealed Quotation are invited by the Department of Mechanical Engineering, COEP Technological University Pune from reputed vendors/reseller/suppliers/service providers for the purchase of Chipper and Shredder machine for Biomass Energy Laboratory.

Enquiry Number :-	COEPTU/Mech/Enq/ purchase of Chipper and Shredder machine for Biomass Energy Laboratory /2024-25/585
Enquiry Date:-	29/11/2024
Description & Qty:-	<p><b>Complete Biomass Pelleting system</b></p> <ol style="list-style-type: none"><li><b>Biomass Shredder, Pulverizer, Hammer mill:</b> Power: 11kw /1440 RPM, size:1700*1050*1190mm Capacity 500-600kg/PH. With Vibro Inert separation system. Can do shredding, chipping &amp; Biomass hammering includes Suction Fan &amp; pneumatic conveyer duct via Cyclone to silo, Cyclone (3 to 4mmthickness MS sheet) to collect gross biomass of required size for material deliver, in Mixing Silo Approximate Weight:400kg, Accompanied with Separation screen of SS for 3 to 4 mm biomass segregation and separation. Machine Body- MS Fabricated Plate &amp; section (IS2062), Hammer/Beater: Mn Steel Grade III(IS276), Hammer Arm: EN 24 Forged material; Side Liners &amp; grinding Gib: Mn Steel Grade III(IS276), Shaft:C-45 Forged steel, Motor and machine pulley: Cast Iron (IS210), Labyrinth Ring, Labyrinth Cover, Bearing Cover: - Cast Iron (IS210), Bearing Block: EN47 SpringSteel with electric control cabinet</li><li><b>Mixing Silo of 600*600*300mm( 200kg capacity)</b> with mixing chamber for effective mixing of different biomass along with additive and binder, clubbed with 0.5kw,3 to5LPh Dosing pump, load cell for weight measurement of individual mass to maketrial combination.</li><li><b>Screw conveyor for pellet millwith mixing silo at input (200kg)</b> Conveyor Diameter:219mm Length:2.5m Power : 2.2kw +1kw Weight:250kg</li><li><b>Wood pellet System:</b> The equipment is designed especially for producing</li></ol>

	<p>biofuel and organic fertilizer with stable quality and Capacity. Adopting full-steel structure and high-quality customized harden gear reducers, with low noise during operation and high forming rate. The flat die plates are all tempering processed, can be used on both sides to enhance the service life, applying special alloy material flat die and rollers, extending the lifetime. Provide 6.0-12 mm of different die diameters and die compression ratios of common raw materials. High output, low energy consumption, can bring higher profits, reduce costs and increase efficiency. Overall fortified, main shaft finely processed to make it extra durable, guarantee stable high productivity.</p> <p>Power:7.5kw motor with suitable Capacity reduction helical gear box to reach 50 to 60 rpm for :100-120kg/h, Size ize1000*450*850mm Pellet size 6mm to 12 mm</p>
	5. Moisture tester and sieves set
Location:-	Biomass processing Laboratory
Quotation Submission Time:-	Up to 12/12/2024 @ 3.00pm
Quotation Submission	Mechanical office, Department of Mechanical Engineering COEP Technological University, Wellesley Road, Shivajinagar, Pune-411005
Quotation Opening Place:-	Head, Department of Mechanical Engineering, COEP Technological University, Wellesley Road, Shivajinagar, Pune-411005

**Terms & Conditions:-**

1. Fax and Email quotation are not acceptable.
2. The taxes, insurance, freight, packing and forwarding charges if any be quoted in Indian Rupees separately.
3. The rates shall be valid for 90days.
4. Validity: Quotation Validity at least 90 days from the due date.
5. Quotations shall be sent in sealed envelopes clearly marked Quotation for Supply and Installation of, \_\_\_\_\_, Enquiry Number, Enquiry date and Enquiry due date
6. addressed to The Head, Department of Mechanical Engineering, COEP Technological University Pune-411 005.
7. 100% payment will be paid after satisfactory delivery, installation and commissioning/work.

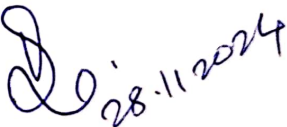


8. Please specify the make and model of the item.
9. Quotation(s) received after last date of Quotation submission will be rejected.
10. Delivery/Work Period and Terms Conditions should be mentioned clearly.
11. Delivery/Work: The penalty conditions are applicable for the late delivery as per Government norms.
- a) at the rate of 0.5 % per week; maximum limit of 10% shall be charged in case of PO value is less than 2 Lakh.

OR

b) at the rate of 0.5 per week; maximum limit of 5% shall be charged in case of PO value is 2 Lakh and above.

12. All following documents/certificates should be provided / attached at the time quotation submission.
- a) Shop Act License/Incorporation Certificate/Firm Registration Certificate Copy. b) PAN Card Copy  
c) GST Certificate Copy
13. Optional items should be quoted in separate sheet otherwise your quote will be rejected
14. Supply/Work and Installation:- Vendor shall be responsible for successful installation, commissioning and testing of the supplied items at Department of Mechanical Engineering , COEP Technological University Pune-411005.. Any defective component/device will be replaced by vendor at his cost.
15. The Registrar of COEP Technological University Pune reserves right to reject any one or all the quotation(s) without assigning any reasons there for.

 28-11-2024

**Head**

**Department of Mechanical Engineering  
COEP Technological University**

**Department of Mechanical Engineering  
COEP Technological University, Pune-5**