

**DEPARTMENT OF FARM POWER AND MACHINERY**  
**Dr. Panjabrao Deshmukh Krishi Vidyapeeth, Akola.**

**SUPPLY OF QUOTATION**

No. HD/FPM/48/2025

Date: 19/05/2025

To,

**Subject: Regarding Quotation of material and fabrication for M.Tech Project.**

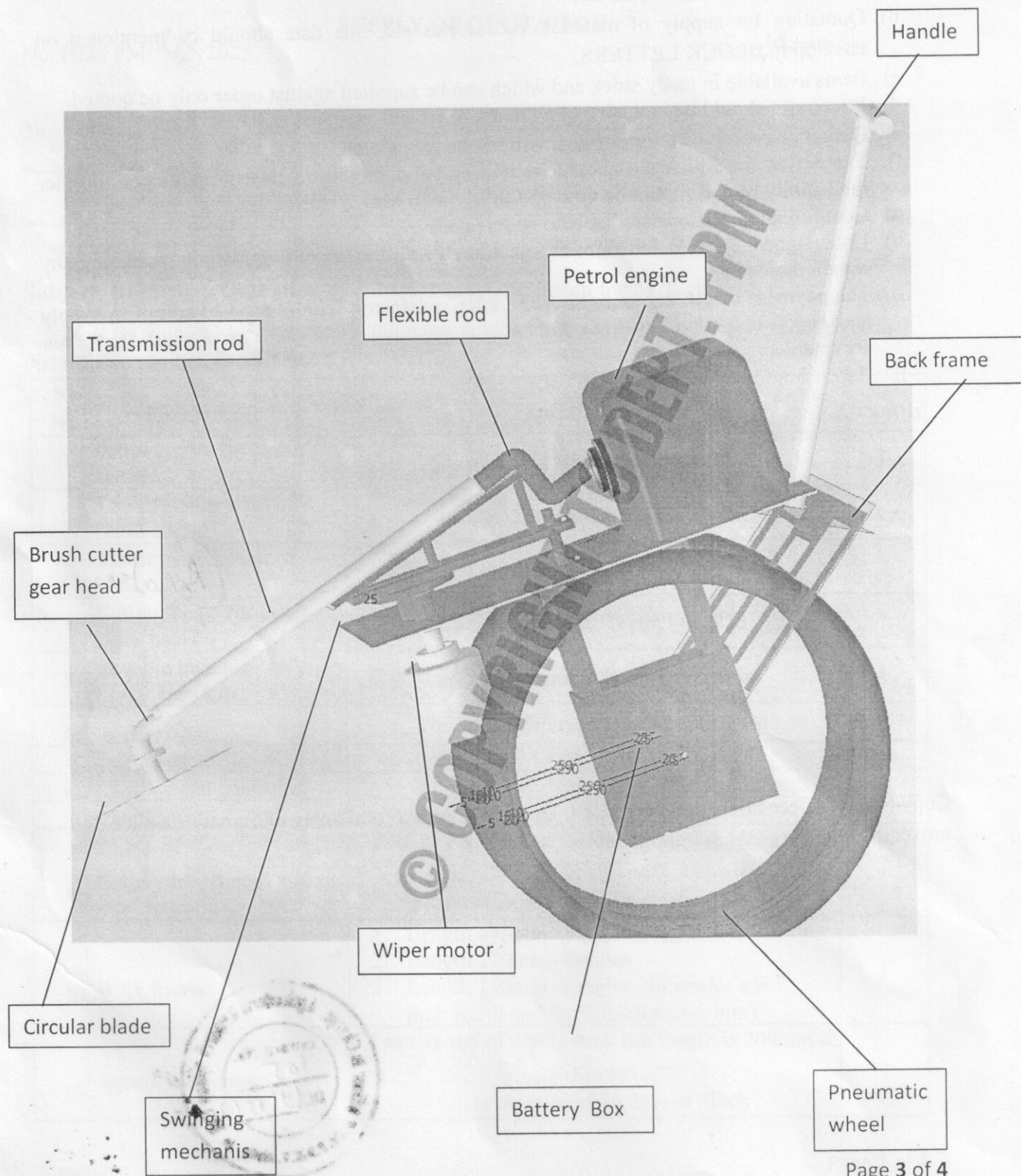
It is requested to send your quotation price for the items specified below so as to reach this office on or before **26/5/2025**.

Sr. No.	Particulars	Specifications	Quantity
1.	Petrol engine for brush cutter	4 Stroke, 1.2 hp, 35 CC, 7000RPM	1
2.	Transmission shaft of brush cutter	Length 150mm / 5feet, Dia. 26mm	1
3.	Transmission shaft of brush cutter	Length 500mm, Dia. 26mm	1
4.	Cutting blade for brush cutter	Circular blade 40 Teeth, Dia. 255	1
5.	Flexible transmission shaft of brush cutter	Length 76.2 cm/ 2.5feet, Dia. 26mm	1
6.	Wiper motor	100 watt, 30rpm and torque 20.60Nm	1
7.	Battery	12V 12A	1
8.	Motor speed controller	DC, 10A, 12V-40V	1
9.	Mainframe		
a)	Battery box frame	1. Length 200mm, Width 100mm & Height 200mm (Iron angle of 1 inch width & thickness 2mm)	1
b)	Back frame	1. Length 440mm -1angle 2. Length 270mm -4angles 3. Length 150mm -2angles (all angles are 1 inch width and the thickness is 2 mm)	1
c)	Square rod frame	4 square rod of 1inch—each rod length is 200mm & thickness 2mm & 1 square rod of 76.2cm of 1inch	1

d)	Pneumatic wheels	14 inch	2
e)	Wheel axles + Crank pin	1. Circular rod Length 500mm, Dia.30mm 2. Crank pin Length 50mm, Dia. 17mm	1
f)	Handle	Circular pipe Length 700mm, Dia. 26mm	1
10.	Swinging mechanism		
a)	Crank (circular plate)	Dia- 15 cm/150 mm Thickness 10 mm	
b)	Slider	Length 300mm, Width 70mm & Thickness 10 mm (Iron plate)	
c)	Metal plate for brush cutter stand	Length 100mm, width 40mm & Thickness 2mm (2units)	2
d)	Metal plate for the mechanism	Length 350mm, Width 250 mm & Thickness 2mm	1
11.	UC bearing	204 No.	3
12.	M.S. Nut bolt	½ inch × 3 inch	1kg
13.	Flange to connect engine and flexible rod	6×6×2	1
14.	Brush cutter gear head	Outlet Dia. 26mm, Inner shaft 9 Splines (1:2 ratio)	1
15.	Gear	1. Dia=64 mm, Teeth=60 2. Dia=34 mm, Teeth=30	2
16.	Accelerator wire for brush cutter	-	1
17.	Fabrication cost		

*While quoting the instructions on overleaf may please be carefully noted.*

## Design of Machine





### Instructions

- a) The sealed quotations should be addressed to **Head, Dept. of Farm Power & Machinery, Dr. PDKV, Akola.**
- b) Quotation for supply of material, accessories etc, due date should be mentioned on envelop in BLOCK LETTERS.
- c) Items available in ready stock and which can be supplied against order only be quoted.
- d) Price/rates should be inclusive of all taxes, tariff and expenses & F.O.R. Akola.
- e) Quotations received after due date will not be considered.
- f) The period for which the quotations will be valid should be clearly mentioned. Further the validity period should be upto 05:00PM on 26 May 2025.
- g) Conditional quotations are liable to be rejected.
- h) Undersigned reserves full right to reject any or all the quotations without assigning any reason thereof.
- i) The payment of bill can only be made after satisfactory compliance of complete supply and hence conditions such as full or part payment in advance or against R. R. nor acceptable.
- j) Rates should be inclusive of GST if applicable

*Abhakes*

Head  
Dept. of FPM  
Dr. PDKV, Akola.

Copy to the Officer In-charge, ARIS Cell, Dr. PDKV, Akola for display of quotation notice on university website [www.pdkv.ac.in](http://www.pdkv.ac.in)

