



**Farm Machinery Manufacturing, Training and Testing Centre
Department of Farm Machinery and Power Engineering
College of Agricultural Engineering and Technology
Vasantha Naik Marathwada Krishi Vidyapeeth, Parbhani**



Outward No. CAET/FMPE/FMMTTC/126/2025

Date: 20/02/2025

NOTIFICATION

Subject: Call for quotation from NABL accredited laboratories for Calibration of major measuring instruments available at Farm Machinery Manufacturing, Training and Testing Centre (FMMTTC), VNMKV, Parbhani.

Farm Machinery Manufacturing, Training and Testing Centre, CAET, VNMKV, Parbhani invites quotation from the NABL (National Accreditation Board for Testing and Calibration Laboratories) accredited authorized company agency for the calibration of measuring instruments and testing facilities available at the FMMTT center, Parbhani. The quotation should be addressed to "The Associate Dean and Principal, College of Agricultural Engineering and Technology, VNMKV Parbhani" and should reach on or before 03/03/2025. The List of measuring instruments or testing facilities to be calibrated is given below.

List of instruments or testing facilities to be calibrated at FMMTC, Parbhani

Sr No	Name of the measuring Instrument/equipment / Testing setup	Important Specifications of the equipment	Quantity Available	Calibration Fees for each
01	Ultra Compact Optical Emission Spectrometer	Patented Optical System: Uncoated CCD detector with lowest dark, flat field grating Resolution: 30pm Operation range: 10 to 45 °C Full spectrum coverage = 170-685nm Software: Complete Q matrix Source Generator: 2 phase PWM generator. Spark stand: Argon Consumption: 2.5l/min	01	
02	Spectrum Soil Compaction Meter	Measurement of density of soil and other material. Compaction data recorded for 1 inch interval in PSI/kPa. Software added	01	

03	Hand Arm and Whole-body vibration meter	72-001 HAV Pro Personal Human vibration monitor, 72-010 3-Axis voltage mode accelerometer, 72-007 sensor cable. 72-005 clamp style mounting adapter and 72-011. 3-axis seat pad accelerometer	01	
04	Computerized Universal Testing Machine	Capacity: 100kN (10T) Test Materials: Metal, Rubber. Plastic, Wire Load Resolutions: 0.01% Load accuracy: 0.05mm Test mode: Tensile/Compression/Flexural/Bending	010	
05	Weighing Balance	Capacity: 1000 kg Platform: 3 x 5'	01	
06	Eddy Current Dynamometer	Specifications: Max Power: 5kW 4000 rpm to 15000rpm Max power/speed @12000 RPM-1.5 BHP Pressure switch. Magnetic Pick up. Carden Shaft guard Suitable for measuring absorbing and measuring power in both directions PC based automation system for test bed etc.	01	
07	Sound Level Meter	Measuring Range 30 db to 130 db	01	
08	Absolute Coolant Proof Digital Vernier Caliper	Level Range: 10-12" (300 mm) LC-0.0005"/0.01 mm,	01	
09	Digital Rockwell Hardness Tester	Maximum Test Height: 230 mm Depth of Throat :200 mm Max. depth of elevating: 240 mm machine height, Standard. Testing Height: 200mm	01	
10	Digital Temperature indicator cum controller	Sensor: PT-100R Resolution: 01°C	01	

		Range: 0° to 200°C		
11	Spray Pattern meter	Nozzle Spray: for 02 nozzles Filter, HTP pump, Ac 03 phase 1500 rpm motor-1 hp, Pressure gauges	01	
12	Emission Gas Analyzer	Measuring for CO, CO ₂ , O ₂ , NO etc. with standard Probe, Range: CO-0 to 25 %, CO ₂ :0 to 20% NO-0 to 500 ppm	01	
13	Hot air oven	Dimension: 300 mm×300 mm ×300 mm Temperature controller cum indicator (50°C to 250°C), Thermostatic controlled knob	01	
14	Digital Micrometer	0-25 mm with absolute incremental mode/ each Absoult and incremental mode inch/mm	02	
15	Digital Micrometer	25-30 mm with absolute incremental mode/ each Absoult and incremental mode inch/mm	02	
16	Heart rate Monitor	Displays heart rate information periodically	03	

Terms and Conditions:

1. This office reserves the right to reject or cancel any quotation/s or entire procedure without any reason.
2. Quotation should reach to "The Associate Dean and Principal, College of Agricultural Engineering and Technology, VNMKV, Parbhani-431402(MH)" address by registered post/ speed post/ by hand/ By e-mail file (rkvyitcpbn@gmail.com) till 03/03/2025. Quotations received after the due date will not be accepted.
3. Agency must complete the assigned work at FMMTTC, Parbhani within time **period of one month** from the date of work order.
4. The rates quoted should be inclusive of all taxes and valid for at least 90 days from the date of quotation.
5. The terms and conditions of payment may be please stated clearly. The payment will be made after successful calibration of testing equipment.

6. No advance payment will be released at the time of work order. The payment will be released after successful calibration of testing equipment.
7. The calibration certificate issued by the agency/ laboratory should be valid at least for one year. Any fault observed in calibrated instrument during the above period, the company should recalibrate the same instrument free of cost.
8. Company can quote the repair cost separately in case measuring instrument/s or testing set up found absolute/dead/ not working properly at our center during first visit of calibration. The minimum travelling expenditure as per Government rules will be paid for such visit.
9. The following enclosures should be necessarily submitted by the vendor with quotation.
10. Photocopy of Registration certificate of the company/ Service agency
 - i) Photo copy of Permanent Account Number (PAN) details.
 - ii) National Accreditation Board for Testing and Calibration Laboratories (NABL) Certificate with its validity details.
 - iii) Performance Certificates/ Work orders received by the agency from other clients, if any
 - iv) GST/CST/BST/VAT number of firm should be specifically mentioned on the quotation.


Principal Investigator
Principal Investigator
FMMTTC, VNMKV, Parbhani

Copy Submitted to,

1. The Director of Research, VNMKV, Parbhani for favour of information please.
2. PA to Hon'ble Vice Chancellor, VNMKV, Parbhani for favour of information please.

Copy to be displayed at: -

1. Notice Board- University Library/ University Administrative Building/ CAET, VNMKV.

Copy to: -

1. In-charge, Central Computer Centre, VNMKV, Parbhani to display this notification on university website.