

**Dr. Babasaheb Ambedkar Marathwada University, Chhatrapati Sambhajinagar  
Sub-Campus, Dharashiv - 413 501  
DEPARTMENT OF WATER & LAND MANAGEMENT  
NAAC Re-Accredited 'A' Grade**

**Dr. Nitin P.Patil**  
❖ Asso. Prof. & Head  
M. No. : +919420052630  
E-mail : [nits\\_74@rediffmail.com](mailto:nits_74@rediffmail.com)



MIDC, Dharashiv-413 501  
Maharashtra (INDIA)  
Website: [www.bamu.ac.in](http://www.bamu.ac.in)

Ref. No.: Dr. BAMU/SCD/WLM/2025-26/49

DATE:- 09/01/2026

To,

-----  
-----  
-----

To, Dear Sir,

Quotations are invited by the undersigned for the purchase of laboratory instruments /equipments. The quotations should reach the undersigned by on or before 19/01/2026 by post only. The envelop must contain Quotation reference number, due date. The name of department must be mentioned on the cover envelope.

The rates must be all inclusive (of taxes, custom/excise duty, GST, packing and forwarding freight and insurance. Transportation, installation, training etc. Any other condition has to be clearly and specifically mentioned). The works are to be performed at Department of Water and Land Management, Dr. Babasaheb Ambedkar Marathwada University, Sub-Campus, Dharashiv-413 501.

It should be noted that the sealed envelope containing quotation, invariably should also contain following documents

- a. Copy of Income Tax Return for last financial year as on 31/03/2025
- b. Copy of Registration GST certificates
- c. Copy of updated registration of Business/ Shop Act License.
- d. Copy of acknowledgement of Service Tax Return as on 31/03/2025
- e. PAN Card copy
- f. Copy of certificate of Authorized Dealer/ Distributor of/Manufacturer/ Service provider

Terms and conditions:

Validity of the quotation should be clearly mentioned.

1. Advance payment will not be made make in any case.
2. Rights are reserved to accept or cancel any or all the quotations. Preference will be given to a vendor who will Supply all or most of the instruments.
3. It is mandatory to send two separate envelopes, one for commercial bid and the other for technical bid

**Head  
Department of Water & Land Management  
Dr. Babasaheb Ambedkar Marathwada  
University Sub-Campus, Dharashiv.**

### The Head,

Department of Water and Land Management,  
Dr. Babasaheb Ambedkar Marathwada University, Sub-Campus,  
MIDC Area  
(Post Shingoli)  
Dharashiv  
413582

### List of Instruments to purchase

Sr. no.	Articles/ Equipment <b>Machinery</b>	Quantity	Technical details
1.	Color Printer	1 No.	Color Printer All in one
2	Laser Printer	1 No.	Printing on both sides
3	Tensiometer	1 No.	Soil moisture sensor for irrigation Measurement range : 100Kpa – 0 Accuracy : 0.5 kPa (at 25°c )
4	Digital soil Tester	2 Nos.	4 in 1 soil meter which measures 1 . PH, 2Moisure, 3. Temp, 4. Sunlight
5	Handheld Crop Sensor (NDVI Measurement)	1 No.	<p><b>Measurements Index:</b> NDVI( 0.00-0.99)</p> <p><b>Spectral Bands :</b> Red: <math>656 \pm 10\text{nm}</math> NIR : <math>774 \pm 15\text{nm}</math></p> <p><b>Field of View :</b> Approximately 0.6 m wide at 0.6m height.</p> <p><b>Measurement Distance :</b> Optimal at 60-120 cm above the canopy.</p> <p><b>Display :</b> Digital LCD showing average NDVI readings.</p> <p><b>Power Supply :</b> 4.AA batteries (=15-20 hours of use ).</p> <p><b>Weight :</b> -0.5kg ( lightweight, handheld).</p> <p><b>Data Output :</b> Instant NDVI on display</p> <p><b>Operating Temperature :</b> <math>0^\circ \text{C}</math> to <math>50^\circ \text{C}</math></p>
6	Sensor based Irrigation Scheduling system with sensors and controller	4 Nos.	<p><b>Sensor Types :</b> FDR + Capacitance</p> <p><b>Depth :</b> 30, 60, and 90 cm IP68 rated enclosure 6-9v rechargeable Battery 5 Watt Solar panel</p>

## Head

Department of Water & Land Management  
Dr.Babasaheb Ambedkar Marathwada  
University Sub-Campus, Dharashiv.