
 <p>भाकू अनुप ICAR</p>	<p>पादप कार्थिकी संभाग DIVISION OF PLANT PHYSIOLOGY भा.कृ.अ.प.—भारतीय कृषि अनुसंधान संस्थान ICAR-Indian Agricultural Research Institute नई दिल्ली—110012 (भारत) NEW DELHI - 110 012 (INDIA)</p>	
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File No.21-3/AIC/MD/24-25/SFC

Dated: 17-01-2025

NOTICE FOR E-PROCUREMENT THROUGH GeM

Online GeM e- bid are invited from reputed Manufacturere/Supplier/Authorized dealer in two bid system (Technical and Financial) for purchase of scientific equipment **Microwave Digester, Qty. 02 No.** for **Agricultural Innovation Centre** on behalf of Director, ICAR-Indian Agricultural Research Institute, New Delhi. Please visit www.iari.res.in for details Rules and Regulation and log in www.gem.gov.in for online e-bidding.

Details of Gem Bid is/are as mentined below:

GeM Bid No.	GEM/2025/B/5833700
Bid Submission start date and time	17-01-2025
Last Date & Time for submission of bid	07-02-2025 14.00
Date & Time for opening of Technical Bid	07-02-2025 14.30

Sd/-
Asstt.Admn.Officer

Microwave Digester

Technical specifications:

1. Microwave digester should be able to digest wide range of samples
2. Power delivered: ≥ 1000 watts
3. The digestion cavity/ oven chamber made of stainless-steel and coated with fluoropolymer
4. Built-in/ external exhaust system
5. Controlled release of overpressure by pressure control system without compromising sample recovery
6. Noncontact mid-infrared or infrared (IR) temperature sensor to accurately measure and control the internal temperature
7. Lightweight Aluminium metal or TFM rotor/ turntable with \geq TFM vessels suitable to withstand high pressure up to bar or more
8. Maximum operating temperature $\geq 250^{\circ}\text{C}$
9. Should be able to operate with touch controller with a graphical user interface

General Specifications that all firms should follow

10. The system should conform to all international safety and emission norms applicable i.e. CE, GS, ETL or any other suitable norms
11. Instrument should be offered with additional rotor or reusable quartz inserts, suitable for 12 or more micro samples digestions
12. Instrument should comply to Indian power supply: 220-240V 50Hz
13. Two-year comprehensive warranty from the date of installation
14. A temperature calibrator for accurate temperature measurement must be supplied along with the instrument with minimum 3 years validity.
15. Printed manual for technical information and details of procedures
16. All the information should be available in catalogue and detailed URL link also be provide in technical compliance with all accessories and technical details.
17. Each bidder must provide detailed printed catalogues highlighting each of the required specifications in the same along with their technical bids failing which they are liable to be technically rejected.
18. List of users with complete address, phone number/ email id to be provided
19. ISO certificate of manufacturer to be enclosed.
20. The bidder must be competent to provide training (free-of-cost) after installation to handle the instrument and to troubleshoot during use with strong after-sales-service support The price should include all taxes and duties, delivery and installation

It is certified that the specification mentioned above for **Microwave digester** is generic in nature.