



File No.21-5/AIC/TGBM/24-25/SFC

Dated: 15-01-2025

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 **Tissue Grinder (Ball Mill), 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/5820246
Bid Submission start date and time	15-01-2025
Last Date & Time for submission of bid	05-02-2025 16.00
Date & Time for opening of Technical Bid	05-02-2025 16.30

Sd/-
Asstt.Admn.Officer

Annexure

Technical specifications for Tissue Grinder (Ball Mill)

1. Compact model suitable for milling of hard, medium hard, soft and brittle plant materials for routine grinding as well as for molecular biology applications.
2. Suitability for Dry, Wet and Cryo grinding with liquid nitrogen.
3. Number of milling/grinding stations: Two
4. System should be capable for Continuously grinding up to 99 minutes
5. Faster mixing with 3 - 30 Hz (180 - 1800 min⁻¹) vibration/oscillation frequency
6. Grinding time duration should be ≤3-5 minutes
7. Numeric Keypad to control Time and Frequency of grinding, display option for remaining milling time, System should have facility to store memory/program.
8. System should have Dual Adapter set 2 X 24 tubes and 2 X 96 wells (2ml capacity) with compatible beads.
9. System does not create noise more than 65 (dB)A.

General Specifications

10. Grinding Jar 20-35 ml Stainless Steel: 2Nos with Balls Stainless Steel: 5 mm Ø size 200 Nos. and 15 mm Ø size: 6 Nos.
11. PTFE Adaptor 2 Nos. of 10 reaction vials of 1.5 and 2.0 ml (with 2.0 ml tube 1000 Nos.) Gasket for Stainless-Steel Jar 10 each.
12. The Make of Jar and Machine should be same and should be supplied from OEM with their name markings and unique code on instrument and Jar for identifications.
13. Instrument should comply to Indian power supply: 220-240V 50Hz
14. Two-year comprehensive warranty from date of installation
15. A sturdy table or bench with storage to be supplied by the firm for operation of the equipment.
16. Branded Online UPS 5 KVA capacity with 30 mins back-up
17. All the information should be available in catalogue and detailed URL link also be provided in technical compliance with all accessories and technical details.
18. Original brochure highlighting the desired specifications should be enclosed with the Quotations.
19. List of users with complete address, phone number/ email id to be provided
20. Company should be ISO9001:2008 certified and CE marked or equivalent certification for quality assurance
21. The bidder must be competent to provide training after installation to handle the instrument and to troubleshoot during use.
22. The price should include all taxes and duties, delivery and installation

It is certified that the specification mentioned above for Tissue grinder (Ball mill) is generic in nature.