



राष्ट्रीय पादप जीनोम अनुसंधान संस्थान

(जैव प्रौद्योगिकी विभाग, विज्ञान एवं प्रौद्योगिकी मंत्रालय, भारत सरकार का स्वायत्त अनुसंधान संस्थान)

NATIONAL INSTITUTE OF PLANT GENOME RESEARCH

(An Autonomous Institution of the Department of Biotechnology, Ministry of Science and Technology, Government of India)

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Aruna Asaf Ali Marg, Post Box Number 10531, New Delhi-110067

संख्या: 8/2018-19/रा.पा.जी.अनु.सं/एस एंड पी

दिनांक: 18/06/2018

विषय / Subject: मुहरबंद कोटेशन का निमंत्रण / Invitation of Sealed Quotations

Sealed Tenders are invited on behalf of Director, NIPGR from the Original Equipment Manufacturer or their authorized dealers for the purchase of **01 no. of Geno Grinder** for the laboratory of our Institute, as per the following specifications in two bid system.

Technical Specifications:

- 1) Equipment must be capable of rapid cell disruption, cell lysis and tissue homogenization of samples through bead beating
- 2) Equipment must be able to perform automated, high-throughput disruption ideal for applications including DNA/ RNA extraction, plant metabolite profiling
- 3) The equipment must be compatible with the following sample type- Plant tissue including leaf and root, seeds, fruits, yeast, fungi, bacteria etc.
- 4) Must be capable of grinding the samples to perfection based on vigorous vertical up-and-down shaking of deep-well titer plates, vial sets, and centrifuge tubes.
- 5) The system should offer rapid, 1-2 min, simultaneous disruption of upto six deep-well 96 well titer plates at a single go. It should also accept 2 ml, 5ml, 15 ml and 50 ml tubes and accessories
- 6) It is equipped with an adjustable clamp that accommodates a full range of sample vials from 2mL to 50mL centrifuge tubes and up to six deep-well titer plates.
- 7) The equipment must come with nesting tray for adjustable clamp assembly
- 8) The system must be capable of using grinding balls of stainless steel, silica or zirconia beads.
- 9) The system should have provision of effective tissue disruption and homogenization in frozen condition through Cryo blocks for 2ml, 15 ml, 50 ml sample tubes and for 96 well titer plates
- 10) A Cryo station to keep samples frozen prior to grinding must be provided
- 11) The equipment must be password protected, with digital timer and touch screen control panel, which enables the user to program run time, rate, cycles and pause time where up to 50 protocols can be saved.
- 12) Adjustable clamp must be present with a release button that allows users to secure vials or titer plates of various sizes.
- 13) It must include the following safety feature: lid interlock to prevent machine from running if top cover is open.
- 14) The system should come with comprehensive warranty for 3-years. Additional warranty (CMC/AMC) on per year basis must be quoted as optional

- 15) Instrument operation/demonstration and wet lab application training should be provided at our institute.
- 16) The company should have at least 5-10 installations in reputed academic institutes/universities/ organizations in India and a list of installations must be provided.
- 17) The vendor supplying the instrument should have own service support laboratory in India, and efficient after sales service-support.
- 18) The following accessories must be supplied:
- Foam holders for 50ml, 15ml and 2ml tubes- 2nos each
 - Cryoblock for 15ml, 50 ml and centrifuge tubes – 2nos each. Additional pair may be quoted as optional
 - Steel grinding balls - 4mm- 5000nos, 9,5mm-100, 11mm-100 nos
 - Silica grinding beads and molecular biology grade silica beads- 800-1000uM, 400-600uM (200g each)
 - Zirconia grinding beads 200-400uM and 100uM-250gm, low binding beads (200uM)
 - 2ml polypropylene vials with O-ring (2000 nos)
 - Separate pre-filled tubes with 1mm, 3mm, mix of 0.8mm and 1.4mm zirconium beads (100nos each)
 - Grinding ball dispenser and 24-pin magnet with separator
 - 96 well titer plates (round wells) with cap mat - 100 plates
 - 15 ml polycarbonate cryovial with screw cap- 300 nos
 - 50 ml polycarbonate cryovial with screw cap- 300 nos
- 19) All specification must be supported by the official brochures from the company.

You are therefore requested to please send your offer in **two bid system** indicating the maximum discount offered, installation charges along with a copy of authorization certificate, issued by the Principals/OEM. **The prices and taxes should be quoted separately in the Price Bid.** The quotations must accompany a Demand Draft amounting to ₹ 49,300/- (Rupees Forty nine Thousand Three Hundred only), being the EMD in the name of Director, NIPGR, New Delhi and must be sent in a **Sealed Envelope** duly super-scribed on top of envelope as “**Quotation for 01 no. of Geno Grinder**” so as to reach to the undersigned latest by **09/07/2018 (3:00 PM)**, the same shall be opened on same day at **(3.30 PM.)**

धन्यवाद,

(क्रय एवं भंडार अधिकारी)

Encl: Terms & Conditions (Annex – I)

नियम और शर्तें:

1. The tender document can be obtained from our office on payment of ₹ 500/- (Rupees Five Hundred only) from 18/6/2018 to 6/7/2018 (04.00 P.M). The tender document is also available on <https://eprocure.gov.in> and can also be downloaded free of cost from our website www.nipgr.ac.in.
2. Every tender shall be accompanied with the required Earnest Money Deposit in the form of Demand Draft drawn in favour of the “**Director, NIPGR**” payable at New Delhi. Any tender not accompanied by such earnest money will be rejected straight away.
3. The rates quoted in the tender shall remain valid for a period **180** days from the date of issue of Award Letter. No tenderer can withdraw/or modify his tender or revoke the same within the said period. If a tenderer on his own withdraws or revokes the tender or revises or alters or modifies the tender for any item or condition within the period mentioned in the tender notice, his earnest money deposit shall stand forfeited. Notwithstanding foregoing, the Institute reserves the right to take other actions as deemed appropriate. In case the successful tenderer after award of acceptance of work fails to perform as per work order or violates any condition of tender, the security deposit/ performance security will be forfeited/encashed.
4. NIPGR does not bind itself to accept the lowest or any tender and reserves the right to reject any or all tenders without assigning any reason.
5. In two-bid system the tenders should be submitted containing (a) Technical Bid consisting of all technical details along with commercial terms and conditions and (b) Financial Bid indicating item wise price for the items mentioned in technical bid. The technical bid and financial bid should be sealed by the bidder in separate covers duly super scribed and both these covers must be put in a bigger cover which should also be sealed and duly super scribed.
6. NIPGR will not pay any expense, whatsoever incurred by tenderer for the preparation and submission of tenders.
7. The notice inviting tender, will form part of the contract agreement to be executed by the successful tenderer with the NIPGR.
8. All the correspondence on the tender shall be addressed to the Director, NIPGR, Aruna Asaf Ali Marg, New Delhi and any communication addressed to anyone else shall not in any manner to be binding upon the NIPGR, Aruna Asaf Ali Marg, New Delhi.
9. The tenderer shall submit a copy of PAN/TIN/GST numbers allotted to them.
10. NIPGR reserves the right to change the quantities of the units while issuing the letter of award of work.
11. The successful tenderer shall be required to deposit an amount equal to 10% of the Tender value as Performance Security after adjusting the Earnest Money Deposit within 10 days from the date of issue of letter of acceptance. Performance Security may be deposited in the form of Demand Draft or Bank Guarantee from State Bank of India Or any Scheduled bank. In case of violation of any condition of Tender, the Security Deposit / BG will be forfeited / revoked.
12. The rates shall be inclusive of Transportation, loading, unloading, taxes etc., nothing extra will be paid.
13. The supplier should be responsible for any damage and site clearance and nothing extra shall be paid.
14. The bidder shall show the rate of GST and tax component in the financial bid separately. The GST shall be paid @ 5% as per GOT notification Nos. 45/2017 & 47/2017 dated 14/11/2017. The exemption certificate shall be provided at the time of placing Supply Orders.

(क्रय एवं भंडार अधिकारी)