



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)

अरुणा आसफ अली मार्ग, पो. बाक्स नं. 10531, नई दिल्ली-110067
Aruna Asaf Ali Marg, Post Box Number 10531, New Delhi-110067

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

दिनांक: 04/6/2018

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 Gel Apparatus** for the laboratory of our Institute, as per the following specifications in single bid system.

Technical Specifications

Complete system for performing SDS PAGE and semi-dry transfer of proteins from polyacrylamide gels to nitrocellulose or PVDF membranes

Technical Specifications for Midi Cell

- The assembly should be simple and easy to use
- The system should quickly and easily perform simultaneous vertical electrophoresis without leakage
- System should be leak proof while casting gels.
- System should have Unique tilt feature for easy loading of acrylamide solutions.
- The system features durable glass plates that are securely sealed using a single-motion, load-and-lock mechanism.
- Gel casting unit must have 4 sets of glass plates, 10 gels spacer (both 1 mm and 1.5 mm), comb for 10 well, 15 well & 20 well.
- System should be able to run up to 4 gels (precast & homemade) at once
- The electrode wire used in the system should be made up of Platinum
- System should have specially designed lid to enhance user safety
- System should be built with tough plastic material to boost durability
- System should dissipate heat effectively thereby ensuring high resolution especially when precast gels
- System should utilize less buffer per gel so as to overall minimize buffer volume for run
- System should have operating temperature between 4°C – 40°C.

Technical Specifications for semi-dry blotting

- Should be convenient – for simultaneously transfer up to four mini-sized gels or two midi sized gels. Designed for rapid semi-dry transfer of proteins from polyacrylamide gels to nitrocellulose or PVDF membranes in 5-10 minutes
- Should have integrated power supply with blotting Software and the blot Cassette (for blotting).
- Preprogrammed methods for Low MW, Mixed Range MW, High MW, Standard Semi Dry, 1.5 mm gels or unknown size gels
- USB port should be there for program transfer.
- Easy-touch programming for access to pre-programmed transfer methods based on the gel number, gel size and molecular weight range of proteins using color LCD menu touch screen and also to easily create, run and save custom transfer methods.
- Should have Audible alarm for End of run.
- Should be able to store 20 or more programmable methods.

Cont. 2



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)
अरुणा आसफ अली मार्ग, पो. बाक्स नं. 10531, नई दिल्ली-110067
Aruna Asaf Ali Marg, Post Box Number 10531, New Delhi-110067

- System should have Cooling fan.
- Should be an open system which accepts accessories and consumables from different suppliers also.
- Should have the option for fast Coomassie dye staining & destaining of protein gels in 6-11 minutes.
- Gel running unit must be capable of running two gels side by side.
- System should have electrical limit of up to 600 VDC or 200 Watts

You are therefore requested to please send your offer in **single 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 Bid.** The quotations must accompany a Demand Draft amounting to ₹ 4,500/- (Rupees Four Thousand Five 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 Gel Apparatus**" so as to reach to the undersigned latest by **25/6/2018 (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)

Annexure – I

नियम और शर्तें:

1. The tender document can be obtained from our Office on payment of ₹ 500/- (Rupees Five Hundred only) from 04/6/2018 to 22/6/2018 (01:00 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. NIPGR will not pay any expense, whatsoever incurred by tenderer for the preparation and submission of tenders.
6. The notice inviting tender, will form part of the contract agreement to be executed by the successful tenderer with the NIPGR.
7. 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.
8. The tenderer shall submit a copy of PAN/TIN/GST numbers allotted to them.
9. NIPGR reserves the right to change the quantities of the units while issuing the letter of award of work.
10. 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 which shall be valid till completion of the warranty period of quoted / ordered items. In case of violation of any condition of Tender, the Security Deposit / BG will be forfeited / revoked.
11. The rates shall be inclusive of Transportation, loading, unloading, taxes etc., nothing extra will be paid.
12. The supplier should be responsible for any damage and site clearance and nothing extra shall be paid.
13. The bidder shall show the rate of GST and tax component in the financial bid separately. The GST shall be paid @ 5% as per GOI 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)