



# 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 न. 10531, नई दिल्ली-110067

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

October 08, 2013

NIPGR/NIQ/LP/13-14

M/S as per list attached

Sub: Invitation of sealed Quotation

Sir,

Sealed quotations are invited for supply & installation of **01 no. each of Gradient Thermal Cycler** for our institute as per the following specifications in **two bid system**.

### Gradient Thermal Cycler

- Should have a sample capacity of 96 x 0.2ml tubes, 0.2ml tube strips or 1 x 96-well plate
- Should have Peltier heating and cooling.
- Should have gradient capability with minimum 8 gradient temperatures and identical hold times for all rows of the gradient
- Should have minimum temperature differential range of 1-25 deg C.
- Should have programmable touch screen interface responsive for both gloved and ungloved fingers to display graphics
- Should be capable of running reaction volumes up to 100ul.
- Should be capable to attain a ramping rate up to 4 deg C per sec
- Should have a temperature range of 4-100 deg C
- Should have a gradient range of 30-100 deg C
- Should have a minimum temperature uniformity of  $\pm 0.5$  deg C well to well within row
- Should have a minimum memory of 500 programs with an option for further expansion
- The software should have exportable Run logs and system error logs
- Should be compatible with all kind of plastic consumables and reagents
- Should be licensed for both diagnostic and research applications.
- System should be quoted with 3 years warranty. Further AMC charges (after warranty) should also be mentioned.
- PCR machine should be accompanied with compatible power 1 hour backup UPS
- System should have adjustable heated lid up to 110 degreeC

You are therefore requested to please send your comparative offer indicating the maximum discount offered, along with a copy of Catalogue/Proprietary certificate. The Technical bid must accompany a Demand Draft amounting to Rs. 9000.00 (Rupees Nine Thousand Only), being the EMD in the name of Director, NIPGR, New Delhi and must be send in a **Sealed Envelope** duly super-scribed on top of envelope as "**Quotation for Gradient Thermal Cycler**" so as to reach to the undersigned latest by **28/10/13 (3.00 PM)**, the same shall be opened on **29/10/13 at 3.30 PM**.

Thanking you.

क्रय एवं भंडार अधिकारी