



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/GTC/13-14

M/S as per list attached

Sub: Invitation of sealed Quotation

Sir,

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

**Gradient Dual Block Thermal Cycler**

System should have Peltier heating and cooling for uniform temp control  
System should have gradient enabled dual block of 2 x 48 well x 0.2ml which can be independently controlled with an option of interchangeable reaction module of 96-well and 384-well  
System should have gradient capability with minimum 8 gradient temperatures and identical hold times for all rows of the gradient  
System should have minimum gradient range of 30-100 degreeC with a temperature differential range of 1-24 degreeC  
System should be capable to attain a ramping rate up to 5 degreeC per sec  
System should have adjustable heated lid up to 110 degreeC with over tightening indicator  
System should have a temperature range of 0 to 100 degreeC with accuracy of minimum  $\pm 0.2$  degreeC and uniformity of  $\pm 0.4$  degreeC within 10 sec of arrival at 90 degreeC  
System should have programmable touch screen option that can suit for both gloved and ungloved fingers.  
System should have a memory of >500 programs with further option for expansion  
System software should have exportable Run logs and system error logs  
System should be capable of controlling additional minimum 3 cyclers  
System should have an option for up gradation to Real Time PCR  
System should be compatible with all kind of plastic consumables and reagents  
System should be licensed for both diagnostic and research applications. A copy of license should be attached.  
System should be quoted with 3 years warranty. Further AMC charges should also be mentioned.  
PCR machine should be accompanied with compatible 1 hour power backup UPS

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. 11000.00 (Rupees Eleven 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 Dual Block 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