



# 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

October 09, 2013

NIPGR/NIQ/DF/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 Deep Freezer for our institute as per the following specifications in two bid system.

- Should have temperature range of around  $-80^{\circ}\text{C}$  or better
- Capacity: should be in the range of  $>700$  Liters
- Should have vacuum insulation on all walls and the outer door to eliminate distortion, and inhibit moisture accumulation that can lead to icing.
- Should be CFC & HCFC Free
- Should have 2 independent compressors, Hermetic 1100 W, with their independent evaporators and cooling fans. Compressors should not be mutually dependent high & low stage system compressors.
- Should have a facility that in case 1 compressor fails, the other compressor maintains a minimum temperature of minimum  $-60^{\circ}\text{C}$  or better for an indefinite period.
- Should have constant performance monitoring of both refrigeration systems, including compressors and fan motors with self-diagnostic function.
- Should incorporate energy savings by running the two independent refrigeration systems in overlapping cycles.
- Should have Central LCD display control panel at eye level with Data log function that retains operation data for a preset period with option to directly transmit data to a PC
- Should have protection from accidental setting of control panel
- Should have Audible & visual alarms for: High/low temperature, Door ajar, Power failure, Remote alarm contact, Part replacement notification, Fan lock alarm, Refrigeration circuit abnormal alarm
- Should have Filterless construction to eliminate the need for an air filter or bothersome filter cleaning and maintenance
- Should have 3 stainless steel shelves for four compartments.
- Should have two independent, insulated & removable inner doors (HCFC Free).
- Should have an outer door latch & an outer door lock.
- Should have compact footprint to save space

Two year standard warranty from the date of installation should be provided with the quote.

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. 16000.00 (Rupees Sixteen 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 Deep Freezer**" so as to reach to the undersigned latest by **29.10.13 (3.00 PM)**, the same shall be opened on **30.10.13 at 3.30 PM**.

Thanking you

क्रय एवं भंडार अधिकारी