



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 09, 2013

NIPGR/NIQ/WB/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 Refrigerated Circulating water bath** for our institute as per the following specifications in **two bid system**.

1. It should be at least 9 liter capacity water bath having vertical conformation with external dimensions not exceeding (W X D X H) 20 to 25 cm X 45 to 50 cm X 60 to 65 cm and bath opening should be at least (W X D X H) 20 to 25 cm x 12 to 15 cm x 12 to 15 cm.
2. The system can be used for direct immersion of samples as well as external circulating system.
3. Temperature range should be from at least -25 °C to 100 °C with temperature uniformity of ± 0.1 °C.
4. System should have large display with an option for 0.01 °C resolution.
5. The system should have PID controller for temperature and PT-100 Ω temperature probe for accurate water bath temperature sensing.
6. System should have safety features for protection against over-heating, overload protector by breaking the circuit and be able to detect sensor abnormality.
7. The instrument should have alarm for low water levels.
8. The water bath should have low noise levels.
9. The water bath should have rapid cooling and heating time with heater of more than 1500 W and compressor capacity of at least 1/3 HP.
10. It should have powerful circulation pump (at least 9L/min.) for temperature uniformity (both internal and external circulation).
11. System should have water drain for easy cleaning of the inner tank.
12. Additional tubing (high grade quality) for connecting water bath to external system must be provided.
13. The water bath should have rust-free stainless steel body.
14. The machine should have CFC-free refrigeration and proper insulation for temperature uniformity in chamber.
15. 2 years of unconditional, comprehensive warranty on site must be provided.
16. Certification for CE and ISO must be provided for the machine.
17. A compatible 5 KVA Servo stabilizer with high / low cut off with time delay relay should be provided.

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. 5000.00 (Rupees Five 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 Refrigerated Circulating water bath" 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