



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: 8/2015/रा.पा.जी.अनु.सं./एस एण्ड पी

दिनांक: 27/4/2015

विषय / Subject: मुहरबंद कोटेशन का निमंत्रण / Invitation of Sealed Quotations

Sir,

We are interested to purchase 01 no. of **Entomological cum Plant Incubator** for the laboratory of our Institute, as per the following specifications:

Technical Specification

Temperature range	:	10°-44°C (±0.7°C)
Interior Space	:	37.2ft ³ or 1.1m ² m or above
Total Shelving area	:	20.4ft ² or 1.9m ²
Max Growing height	:	12.5inches or 31.8cm
Light Intensity:		330μmoles/m ² /s (6"from lamps unless otherwise noted)
Tiers	:	3

Must be able to grow both plant and insects in same chamber

Internal volume	:	Minimum 1100 liters and above either as single or two separate chambers with growing height of more than 105 cm in each chamber without any additional shelves.
Shelves	:	Minimum of three well insulated shelves which can be removed and fitted back easily as per the needs. Minimum height between shelves 31 to 40 cm and above. The height of shelves should be adjustable.
Interior	:	Should be of corrosion proof material.
Door	:	Door/s should be front opening with locking system/s.
Inside Chamber Temperature	:	Should be programmable between +10°C to +44°C with lights on.
Temperature Accuracy	:	± 0.5°C or less.
Temperature control	:	Cooling and heating should be compressor based.
Lighting	:	fluorescent white lamps/tubes and incandescent lights Light intensity in each shelf should be minimum of 320-400μmoles/m ² /s and above.

Cont. 2



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Intensity should be adjustable between zero to maximum at +10°C to +40°C. Provide three shelves with same light intensity.

Humidity	:	Maintainable in the range of upto to 80% RH. Separate tank for storing demineralized water for Continuous supply to humidifier.
Air flow	:	Either vertically/horizontally/any other possible Direction to maintain air quality.
Programmable options	:	Temperature, humidity and light requirements should be programmable as per the needs with settings for day and night timing. Arrangements for setting upper and lower temperature limits with alarm system.
Display	:	Digital display of actual temperature and humidity of the chamber.
Electrical supply	:	220-230V.
Additional requirements	:	Bidding document should include the original brochure of the quoted product/model. The list of users with contact details and performance certificate in India who are using similar Models. ISO certificate should be attached with the bidding document.
Warranty	:	2 years warranty from the date of installation.
Other options quote (optional)	:	dehumidification, ultrasonic humidification & dehumidification, observation window, glass door, PAR sensor, co2 addition & removal, extended temperature quot. up to 60°C, email alert and phone dialer, software & hardware for internet connection.

You are therefore requested to please send your offer in **two bid system** indicating the maximum discount offered, installation charges along with a copy of authorization certificate. The quotations must accompany a Demand Draft amounting to ₹ 20,800/- (Rupees Twenty Thousand Eight 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 Entomological cum Plant Incubator**" so as to reach to the undersigned latest by 19/5/2015 (3:00 PM), the same shall be opened on same day at 3.30 PM.

धन्यवाद,

(कय एवं भण्डार अधिकारी)

Encl: Terms & Conditions (Annex – I)

नियम और शर्तें:

1. Every tender shall be accompanied with the tender cost of ₹ 500/- (Rupees Five Hundred only) in the form of Demand Draft drawn in favor of “**Director, NIPGR**” payable at New Delhi in separate sealed envelope along with the tender. In case the tender cost is not submitted, the tender will not be considered.
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. 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.
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 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 award letter. Performance Security may be deposited in the form of Demand Draft or Bank Guarantee from State Bank of India Or any Scheduled bank.
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.

(कय एवं भण्डार अधिकारी)