

# UNIVERSITY OF KERALA

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Hon. Director

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CBC/5/SMPB Seed Project/Equipment 2021-22

21.07.2022

## TENDER NOTICE

Quotations are inviting for the following item in the project on 'Establishment of RET Medicinal Plant Seed Centre' in the Centre for Biodiversity Conservation, Department of Botany, University of Kerala, Kariavattom, Thiruvananthapuram without any transportation/extra charges.

Name of Item	Units	Specifications
Seed Germinator	1	Remi Seed Germinator (Humidity Chamber) with LCD display. Supplied with Voltage stabilizer Temperature range : 10° C to 60°C Humidity : 40% to 95% Capacity : 280 Ltr No. of Shelf : 3 Internal Dimension: 660×655×650 mm W×D×H External Dimension: 800×1095×1220 mm W×D×H Microprocessor with capacitance type sensor 4" LCD Screen, large size display for ease of reading Visual alarm for power failure Audio visual alarm in case of door open for over one minute Set Humidity : ± 3% Set temp: ±1°C Illumination with 8 Watts Fluorescent Tube Internal Body Material : Stainless steel 304 grade External Body : Powder Coated CRCA steel Insulation : 70mm minimum for body & 80 mm for door CFC free polyurethane foam Noise level : Less than 65 db Unique design of thermal barrier for better energy efficiency Machine filled PUF insulation to eliminate avoid pockets Precise monitoring of temperature and humidity conditions Heating by long life SS tubular heaters Hermetically sealed compressor with CFC free refrigerant Chamber calibration port on side

		<p>Auto tuning of controller settable High/low alarm points with date and time</p> <p>Centronic interface to record temperature, Humidity, date and time by attaching Dot Matrix printer with adjustable print interval</p> <p>PC communication through RS-485 with data acquisition software</p> <p>High temperature safety cut off &amp; alarms for high/low set parameters</p> <p>Low water level alarm and power cut off of boiler tank heater.</p> <p>Overload cut off relay for compressor</p>
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## **Terms and Conditions**

- The price quoted should be that applicable for the educational institutions
- The items should have an onsite warranty for at least 3 years.
- The firm should be capable to extend immediate service, which in no way should not exceed 24 hours.
- Prices are to be quoted FOR DESTINATION (Department of Botany, University of Kerala, Kariavattom. The prices quoted should clearly indicate the following charges; Price of the equipment; Price of optional accessories if any; transportation charges and installation charges. Price should be inclusive of 5% GST. If these details are not provided it will be considered that the price quoted is inclusive of all charges.
- The above item should be from company having following certificates. Bidder shall enclose a valid copy of ISO 9001 certificates.

All the offered items shall be standard catalogue products.

- Bidder shall submit a user list having full contact details pertaining to items previously supplied and installed within last three years. Purchaser may carry out site visit to check the quality of supplied items and workmanship.
- For those bidders submitting the tenders 'Technical Bid' and 'Financial Bid' must be placed in individual sealed envelopes and these envelopes must be placed inside a bigger envelope.
- Only one model can be quoted in a tender. If the tenderer wants to quote for more than one model separate tenders should be submitted. If more than one model is quoted in a single tender it will be summarily rejected.

The firms who wish to supply item are requested to submit the sealed quotations to Principal Investigator, SMPB Seed Project, Centre for Biodiversity Conservation, Department of

Botany, University of Kerala, Kariavattom, Thiruvananthapuram 695581, Email ID: *[cbc.uok@gmail.com](mailto:cbc.uok@gmail.com)* on or Before **17.05.2022, 4.00 PM.**

**Sd/-**

**Dr. A. GANGAPRASAD**  
**Hon. Director**  
**PI. SMPB Seed Project**