

# UTTAR BANGA KRISHI VISWAVIDYALAYA

Pundibari, Cooch Behar, West Bengal- 736165

## Inviting Quotation

Tender Ref. No.: UBKV/DR-302, Date : 21.07.2022

Sealed quotation are invited from reputed suppliers for supplying of BOD Incubator, combined low & high temperature provided with precise electronic temperature control with digital read out under the 'Equipment Head' of the extended project entitled, "Assessment of new generation molecules against important diseases of Potato, Tomato and cucumber crops". The details of the specifications are herein given below.

Sl. No.	Item	Specification	Quantity
01	Bod Incubator, combined low & high temperature provided with precise electronic temperature control with digital read out	<p><b>Construction</b> : Double walled with adequate polyurethane Foam (PUF) insulation.</p> <p><b>Inner Chamber</b> : Stainless Steel duly polished with different shelf position.</p> <p><b>Outer walls</b> : GRC Sheet, scraped and treated with anti-corrosive primer and finished with powder coating</p> <p><b>Outer Door</b> : The outer door will be double walled duly insulated and provided with magnetic strip gasket with proper sealing and locking device.</p> <p><b>Inner Door</b> : An Acrylic/Glass door is provided.</p> <p><b>Forced Air circulation</b> : Provided by a multi-vane blower fan of aluminium having brass shift</p> <p><b>Non-CFC Refrigeration system</b> : Done by a hermetically sealed 151 marked and approved 'Copeland' refrigeration Compressor with balanced condensing unit.</p> <p><b>Heating System</b> : Provided by a pan of replaceable type sealed air heaters made of nickel chromium resistance wire.</p> <p><b>Temperature Controller</b> : Precisely done by a fully automatic solid-state microprocessor based Digital Temperature-indicator cum Controller in conjunction with PT-100 sensor and heavy-duty low voltage electronic delay/relay system. The Temperature indicator indicates both set temperature and actual values and has a resolution of 1.0°C.</p> <p><b>Technical Specification:</b></p> <p><b>Temperature Range</b> : 5°C to 60°C.</p> <p><b>Mode of amp Control</b> : By a sensitive Micro Processor based Electronic Temperature Controller with Digital indicator with assured performance related to maintenance of set and desired Temperatures.</p>	01



	<p><b>Accuracy of Control</b> : Plus/ minus 0.5<sup>0</sup>C.</p> <p><b>Air Circulation</b> : Provided with a smooth-running continuous duty flower fan to operate alternatively ensuring prolonged operational life.</p> <p><b>Insulation</b> : Adequately done with polyurethane Foam (PUF).</p> <p><b>Working Chamber</b> : Stainless Steel Sheet.</p> <p><b>No. of Trays</b> : 3 Numbers Perforated 55 Trays.</p> <p><b>Safety Device</b> : I. Provided with Audio Visual Alarm with necessary battery backup, which activates immediately on power failure.</p> <p>II. A built-in delay relay systems is provided in the control circuit to safeguard the refrigeration compressor against abrupt starting in the event of restoration of power after load shedding.</p> <p><b><u>Size of the Working Chamber:</u></b></p> <table><tr><th>Volume</th><th>Inner Dimension</th><th>No. of Tray</th></tr><tr><td>324 lt.x 12 cft.</td><td>60 x 60 x 90 (approx.)</td><td>3</td></tr></table> <p>Illumination: Provided with a set of 4 fluorescent lamps (2 feet long) at the back wall separate switches are provided for the lamp assembly.</p> <p><b><u>AUTOMATIC RELAY TYPE VOLTAGE STABILIZER, NON-DIGITAL TYPE WITH LOW &amp; HIGH VOLTAGE AUTO CUT OUT DEVICE AND COPPER COILED TRANSFORMER</u></b></p> <p>Capacity 4 Kva</p> <p>Input Voltage 170 to 270 Volts +-10%</p> <p>Output voltage 220/230 V, AC</p>	Volume	Inner Dimension	No. of Tray	324 lt.x 12 cft.	60 x 60 x 90 (approx.)	3	
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**Tender Schedule:**

**Date of publication:** : 21/07/2022

**Last date of Submission:** : 07/08/2022 up to 5 p.m.

**Terms and Condition:**

1. Quotation to be submitted with a forwarding letter address to **The Director of Research, UBKV, Pundibari, Cooch Behar**
2. Covers of Quotations to be submitted to the office of the Director of Research's UBKV, Pundibari, in office hour with an email ID for further communication.
3. The technical Bid shall comprise of Self attested photocopy of the following documents :-
  - I. Valid copy of trade license.
  - II. GST Registration Certificate



- III. Registration Certificate of P-Tax, along-with latest clearance certificate,  
IV. Service Tax Registration No; along with latest clearance certificate  
V. Dealership/ manufacturing/ SSI certificate  
VI. ISO Certificate (if any)  
VII. Credentialed/user list with photograph,  
VIII. Full Specification of items if applicable  
IX. Photocopy of PAN Card
4. The Financial Bid Comprises of rate of items per unit including applicable taxes, Installation charges, incidental charges, extent of discount (as applicable)
5. The Technical Bid and financial Bid should be submitted in two separate sealed envelopes with broad heading mentioning the name of the item and Tender No. on the top of the envelopes. The sealed envelope of Technical Bid and Financial Bid shall be submitted in a large sealed cover and further mentioning the name of the item and Tender number **on the Top of the Envelope and to be addressed to the Director of Research, UBKV, Pundibari, Cooch Behar.**
6. The materials should be delivered by the Supplier at their own cost and responsibility.
7. The University reserves the right to accept or reject any or all tenders without giving any reason whatsoever.

Sd/

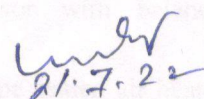
Director of Research

Ref. No. UBKV/DR- 302/ (4)

Date : 21.07.2022

Copy forwarded for information and necessary action to:

1. Notice Board, UBKV, Pundibari
2. Central Store Section, UBKV, Pundibari
3. Mr. Subhendu Das; He is requested to add in the University Website at the earliest.
4. Office copy Director of Research, UBKV, Pundibari

  
21.7.22

Director of Research

Director of Research  
Uttar Banga Krishi Viswavidyalaya  
Pundibari, Cooch Behar