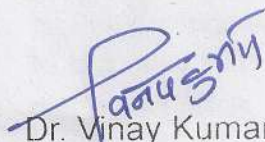



Subject: Minutes of AAC meeting dated 09/03/2022


Recommendations:

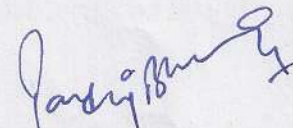
1. Two new courses have been proposed by Dr. Nirmal and Dr. Swapnil
2. The offline classed have been started 7 march onwards
3. Project sanctioned to Dr. Vinay, has non-recurring of 10 lakhs. Because it was proposed one and half years ago and Euro price increased and now the plant growth chamber is around 13,30000. So, please sanction 3 lakhs as non-recurring budget for the same so that a Plant Growth Chamber can be purchased smoothly for project and routine research related work of the department.

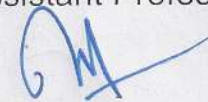
(ON LEAVE)

Dr. Prashant Swapnil
Assistant Professor

Dr. Vinay Kumar
Assistant Professor


Dr. Sanjeev Kumar
(Professor)


Dr Nirmal Renuka
Assistant Professor


Dr. Pankaj Bhardwaj
Assistant Professor


Dr. Felix Bast
(Associate Professor)
(Chairman & HoD)

- Project purchase & Univ. funds cannot be combined for purchase of a single equipment.

- HOD, Botany.


16/3/22

DIA Office

S. No.....

Date 16/3/22



BIONIXS INDIA

Dr Vinay Kumar
Central University of Punjab
Bathinda-151 001

Dated :03-03-2022
Ref no CU/HPP410/409/1334

Contact Person: H S KALSI Phone no: 09876222553

Dear Sir,

We take pleasure in quoting the product of our Principals **Memmert, Germany** as per below:

Description	Qty.	Price in INR
Memmert make Incubator Temperature & Humidity control Model: HPP410eco		
Specification		01

➤ Capacity : 384 L

➤ Temperature range : from 0°C to +70°C (At Ambient temp 20°C)

Humidifying and Dehumidifying System

- Active humidifying and de-humidifying adjustable from 10-90% rh with digital display of relative humidity - resolution of display 0.5%, setting accuracy 1%
- Humidity supply with distilled water from external tank by self-priming pump.
- Humidification by hot steam generator.
- Dehumidification by cold trap using the Peltier technology.

Ventilation and Control

- Forced ventilation by Peltier fan
- Adaptive multifunctional digital PID-microprocessor controller with 2 high-definition TFT-colour displays
- Integral fault diagnostics for temperature and humidity control
- 2 Pt100 sensors Class A in 4-wire-circuit, mutually monitoring and taking over the Performance at the same temperature value
- Digital timer adjustable from 1 minute to 99 days
- Parameters adjustable on ControlCOCKPIT: temperature (Celsius or Fahrenheit), relative humidity, programme time, time zones, summertime/wintertime
- SetpointWAIT function - the process time does not start until the set temperature is reached.
- AtmoCONTROL software on a USB stick for programming, managing and transferring programmes via Ethernet interface or USB port
- Distributed heating and cooling performance thanks to individual control of the Peltier elements in the upper and lower row
- Setting of languages on ControlCOCKPIT: German/English/Spanish/French
- Resolution of display for setpoint and actual temperature values 0.1°C
- Calibration facility directly at ControlCOCKPIT for three freely selectable temperature values, 2-point calibration for humidity: 20 and 90% rh
- Humidity supply with distilled water from external tank by self-priming pump
- Programme stored in case of power failure



Description	Qty.	Price in INR
-------------	------	--------------

Multiple Over temperature Protection

- With audible and visual alarm
- Over- and under temperature monitor TWW, protection class 3.3 or adjustable temperature limiter TWB, protection class 2, selectable on display
- Additionally integrated over- and under temperature protection "ASF", automatically following the set point value at a preset tolerance range; alarm in case of over- or Under temperature, heating function is switched off in case of over temperature, cooling function in case of under temperature.

Internal and External demission

- w x h x d: 824 x 1720 x 655 mm, External
- w x h x d: 640 x 1200 x 500 mm Internal

Power rating

- 230 V (+/- 10%), 50/60 Hz

Weight

- Net weight approx. 142 kg

Country of Origin

- Federal Republic of Germany

Light Module

Light module cold white 6,500 K + warm white 2,700 K: LED light strips - 14 for model 260/410/750 - (5 resp. 7 alternating cold white light strips and 5 resp. 7 warm white light strips) on the side walls of the interior, programme-controlled dimming from 0 to 100 % (in 1 % steps), ramp programming in combination with temperature and humidity

Stainless steel grid 02

Servo Stabilizer. 01

Total Price
Special Discount.
Total FOR PRICE.

Rs 16,62,500.00
Rs 3,32,500.00
Rs 13,30,000.00

For Bionixs India



BIONIXS INDIA
TERMS AND CONDITIONS

VALIDITY : 90 DAYS

PAYMENT TERMS : 100% PAYMENT AFTER DELIVERY AND INSTALLATION IN FAVOUR OF
M/S BIONIXS INDIA

Bank Detail

Bionixs India
HDFC BANK LIMITED
SCF:-19,Phase :-7
S.A.S Nagar (Mohali)160061
Punjab
A/C no: 00562560001435

Swift code : HDFCINBB
RTGS/NEFT/IFSC CODE - HDFC0000056

SALE TAX : GST@5%Extra

DELIVERY : WITHIN 90 DAYS FROM THE RECEIPT OF CONFIRMED ORDER,

WARRANTY : ONE YEAR FROM DATE OF INSTALLATION 15 MONTH FROM DATE
OF SHIPMENT WHICHEVER IS EARLIAR.

INSTALLATION : WILL BE DONE FREE OF CHARGE BY US

For Bionixs India

(Handwritten signature)

(H S KALSI)
Authorised Signatory

