



# WEST BENGAL STATE UNIVERSITY

Berunanpukuria, Malikapur Barasat

24 Parganas (North), Kolkata - 700 126

Phone : (033) 2524 1975 / 1976 / 1978 / 1979 Fax : (033) 2524 1977

Ref. No : WBSU/Reg/N1Q/2001087/42/2020-21

Date : 17.07.2020

## Notice Inviting Quotation for the Dept. of Zoology.

The University intends to invite rates through sealed quotations for supply of the following instrument(s) for the Department of Zoology, WBSU from interested agencies or parties or suppliers or distributors or reputed manufacturers (will be procured from sanctioned project fund of Prof. Chiranjib Pal, Dept. of Zoology). The quotations must be submitted within fifteen (15) days of publication/date as undersigned of 'Notice Inviting Quotation' in the University website.

### Details of Items/Specifications:

Sl No	Item/Instrument Specifications	Quantity Required
1	<p><b><u>Specification for CO2 Incubator</u></b></p> <ul style="list-style-type: none"><li>Capacity: 170 litre</li><li>Six-sided direct heating with seamless, deep drawn stainless steel chamber</li><li>Should have continuous auto-calibration (without manual intervention) feature of IR sensor ensuring CO2 accuracy</li><li>Inner chamber must be fan-less/ blower less</li><li>Should have sealed inner Glass door for conservation of inner chamber ambience</li><li>Should have connections/ Communication ports: 2x USB 2.0; Ethernet 1x User &amp; 1x Service; with BMS relays 0-5V</li><li>Should be stackable up to 2 units high</li><li>Chamber with air or water jacket is not acceptable</li><li>Should have at least 4 position shelving rack with 4 perforated shelves</li><li>Should have high temperature disinfection facility by 140°C</li><li>Disinfection phase should remain for 2 hrs at least.</li><li>No need to remove of CO2 sensor during decon cycle</li><li>Should have BMS Relay for integration into centralized building alarm system</li><li>Should have dual channel IR NDIR type CO2 sensor with auto-calibration facility to ensure accurate CO2 calibration measurements</li><li>Should have 2x 25 mm access port</li><li>Should have In-line filters (0.027 µ) for gas supply inlets ensure sterility</li><li>Temperature range: 4°C above ambient to 50°C, Control increment: ± 0.1°C or better; accuracy: + 0.4°C at 37°C; uniformity: + 0.3°C at 37°C; stability: + 0.1°C at 37°C</li><li>CO2 Gas control range: 1 - 20% with Control increment of 0.1% or better; accuracy: + 0.3% or better; stability: + 0.1% or better; uniformity: + 0.1% at 37°C</li><li>Gas Recovery after door opening of 30s should be &lt; 6 min,</li><li>Reservoir: removable SS pan volume at least 2.5 litres, RH (37deg C) up to 95%</li><li>Small footprint: 720 X 716 mm or lesser</li><li>CE certified</li><li>Should have good no. of installation base in and around Kolkata/barasat</li><li>Direct service facility from manufacturer</li><li>Warranty for 2 years from the date of installation.</li></ul>	1

**Note:-**

1) The University pays only 5% GST as per Notice from Ministry of Finance, Govt. of India vide Notification No: 47/2017- Integrated Tax (Rate) dated: New Delhi, the 14<sup>th</sup> November, 2017.

2) Must submit the Proprietary Certificate.

**General instructions applied to the Instrument:**

1. The final selection will be done on the basis of both quality and indexed prices.
2. The procurement of the instruments is subjected to the availability of funds.
3. The service of the instrument providers will be considered seriously.
4. The manufacturers should have direct 'service & technical support facility' in Kolkata/West Bengal.
5. The price of the instruments should be considered on the basis of the DSIR recognized institute.
6. Quotations must be addressed to The Registrar, West Bengal State University, Barasat, 24 PGS (N), Pin-700126 (with kind attention: Head, Dept. of Zoology, WBSU).
7. Hardcopy of the quotations also needs to be submitted to Prof. Chiranjib Pal, Dept. of Zoology.

The interested agencies or parties or suppliers or distributors or reputed manufacturers of the items in the list, are requested to quote their rates to **The Registrar (Officiating), West Bengal State University, Berunanpukuria, Malikapur, Barasat, 24 Pgs (N), Kolkata-700126**, for supply of the above listed items along with the following documents: copies of a) Valid Trade License, b) GST Registration, c) PAN Card, d) Income Tax filed in the last Financial Year, e) Clearance of Professional Tax. The rates should be all inclusive GST, Duties, Transportation Charges etc. and the warranty of items to be specified. Incomplete & conditional quotations received without proper supporting documents and after due date and time will be summarily rejected. The above quote should indicate firmly the type of tax to be charged.

The quotations along with necessary supporting documents in sealed cover super scribed "**Notice Inviting Tender for Project Instruments (C Pal, Dept. of Zoology)**" are to be submitted on or before 07.02.2020 up to 3 p.m. positively and will be opened on 10.02.2020 at 3:30 p.m. at WBSU. The University reserves the right for cancelling any or all quotations without showing any reasons thereof. The quoted rates should be valid for three months from the date of opening of the quotation and the items are to be delivered to the University campus at Barasat. However, the University reserves right to terminate the notice inviting quotations for the above items at any point of time without assigning any reasons thereof.

*Chiranjib Pal*

Copy forwarded for information and necessary action, if any, to:

- 1) V.C.'s secretariat, WBSU
- 2) All members of the Purchase and Tender Committee.
- 3) University Website.
- 4) University Notice Board.
- 5) Registrar's Guard File, WBSU

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17/1/2020  
Registrar (Officiating),  
West Bengal State University

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