



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 :

Date :

Sealed Quotations are invited as per the technical specifications for the following instruments
(will be purchased from the project fund)

Last date of submission: 26.09.2023, 5.00 pm
Opening of the quotations: 28.09.2023, 3.00 pm

1. The final selection will be done on the basis of both quality and indexed price as evidenced by the more than ten installments in reputed national and state-funded academic/research institutes.
2. The service of the instrument providers will be considered seriously.
3. The price of the instruments should be considered on the basis of the recognized institute.
4. Package price will also be entertained.
5. Quotations must be addressed to The Registrar, West Bengal State University, Barasat, 24 PGS (N), Pin-700126 (with kind attention: Chiranjib Pal, Dept. of Zoology, WBSU)
6. The quotation should be submitted to Chiranjib Pal, Department of Zoology) must be superscribed "Project Instruments CP" at the top of the sealed envelopes.

Item No.	Technical Specification for the Instruments	Qt.
No. 1	<p><u>Laboratory precision weighing balance (Foreign make) #1</u></p> <ol style="list-style-type: none">1. STRICTLY WITH INTERNAL ADJUSTMENT/ AUTO-CALIBRATED, Should be equipped with One-Touch Balance Adjustment, Internal test weights should adjust the balance at any time at the touch of a button without any external weight.2. Readability / Scale interval (d) - 0.1mg3. Maximum capacity (Max) - 220g4. Weighing System - EMC <p><u>SPECIFICATIONS:</u></p> <p><u>Repeatability</u></p> <ol style="list-style-type: none">1. At 5% load, the typical value - 0.08±mg2. At approx. maximum load, typical value - 0.1±mg <p><u>Linearity Deviation</u></p> <ol style="list-style-type: none">3. Limits - 0.2±mg4. Typical value - 0.06±mg5. Sensitivity drift between +10 °C and +30 °C - 1.5 ±ppm/K6. Tare maximum capacity(subtractive) <100% of maximum capacity <p><u>Calibration weight</u></p> <ol style="list-style-type: none">7. External calibrated test weight - 200g	1

	<p>8. Weighing pan size - Ø90mm 9. Weighing chamber height - 240mm 10. Net weight. Approx.- 6.20kg 11. Gross Weight approx. - 8.00Kg</p> <p>Display Type 12. Display: Color Touch Screen LED</p>	
No. 2	<p><u>Accessories for laboratory precision weighing balance (Foreign make) #1</u></p> <p><u>SPECIFICATIONS:</u></p> <ol style="list-style-type: none"> 1. Chemical-resistant Glass draft shield with increased smooth door openings. 2. Two interface ports [USB type-C & RS232 9-pin] – Menu lock to protect against unintentional changes. 3. Built-in application programs: Mixing, Components, Statistics, Conversion Weighing, Density, Percentage, Check weighing, Peak Hold, Counting and Unstable Conditions. 4. Direct weighing data transfer to PC [Microsoft Excel or Word]. 	
No. 3	<p><u>Laboratory precision weighing balance (Foreign make) #2</u></p> <ol style="list-style-type: none"> 1. STRICTLY WITH INTERNAL ADJUSTMENT/ AUTO-CALIBRATED, Should be equipped with One-Touch Balance Adjustment, Internal test weights should adjust the balance at any time at the touch of a button without any external weight. 2. Readability / Scale interval (d) - 1mg 3. Maximum capacity (Max) - 220g <p><u>Repeatability</u></p> <ol style="list-style-type: none"> 4. At 5% load, the typical value - 0.5±mg 5. At approx. maximum load, typical value – 1±mg <p><u>Linearity Deviation</u></p> <ol style="list-style-type: none"> 6. Limits - 2±mg 7. Typical value - 0.6±mg 8. Sensitivity drift between +10 °C and +30 °C - 2 ±ppm/K 9. Tare maximum capacity(subtractive) - <100% of maximum capacity <p><u>Calibration weight</u></p> <ol style="list-style-type: none"> 10. External calibrated test weight - 200g 11. Weighing pan size – Ø120mm 12. Weighing chamber height - 240mm 13. Net weight. Approx.- 6.30kg 14. Gross Weight approx. - 8.10Kg <p><u>Display Type</u> 15. Display: Color Touch Screen LED</p>	

Chiranjib Pal
05/09/23



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5/9/23