

University of Calcutta



Dr. Goutam Kr. Saha M.Sc., Ph.D.

Professor of Zoology & Director
Institute of Agricultural Science

TENDER NOTICE NO. 1/UGC-MID/Equip/1/17, dated 15.05.2017

Quotations for the following items are invited from Calcutta University authorized parties for supplying the undernoted items. Supplies are hereby requested to submit their quotation as per given specifications with the current Trade License, Service Tax Registration Certificate, PAN no., Copy of Registration Certificate with Statutory Authorities and other credentials within 12 days from the publication of this notice in a sealed envelope addressed to the undersigned. Please submit separate quotation for items under A and B. The total price including VAT of item will be considered for comparative statement as quoted price. So, suppliers are requested to quote for the item and incomplete quotations will be rejected. The authority reserves the right to accept/reject any quotation without showing any cause thereof.

A handwritten signature in blue ink that reads 'Goutam Saha'.

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Item A

PCR Machine (Thermal Cycler) Specification: (Preferably BIORAD make T100 Gradient PCR Thermal Cycler)

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1. Intuitive touch screen control
2. Program Wizard - quick, easy & foolproof
3. Sample volume Unique multi-format block
4. 0.2 ml tube *96, 0.2 ml tubes strips (96) , 96 well plate (1)
5. Temp. Control Range: 2° to 100°C
6. Temp. Control : Simulated sample or block
7. Thermal Accuracy/Uniformity: $\pm 0.4^{\circ}\text{C}$ / $\pm 0.4^{\circ}\text{C}$
8. Ramp Rate: 3 °C / Sec. (maximum)
9. Lid Temp: 30°C to 112°C, user adjustable
10. Program Memory: Unlimited with flash drive
11. Increments/Decrements: Yes, both time and temperature
12. Gradient: 25 to 100 (Thermal Differential 2-25.
13. Multiuser Login: Yes, with password protection
14. Power Failure Restart: Yes
15. Power Supply: Universal, 75 to 275V, 50 to 60Hz

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Item B

Accessory Materials

1. PureZOL™ RNA Isolation Reagent, 50 ml pack
2. iScript RT Supermix , 100 rxn
3. iTaq™ Universal SYBR® GreenSupermix, 500 x 20 µl reactions 5ml
4. PCR Tubes with Flat Caps, Natural 0.2 ml capacity 1000/pack



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