

Dr Praveen Mamidala
M.Sc., M.Tech., Ph.D. PGDPL
Associate Professor & Head
Department of Biotechnology
University College of Arts & Science
Telangana University



(Accredited by NAAC with 'B' Grade)

Principal Investigator
DST SERB (Project File-EEQ/2016/000710)
"Antennal Transcriptome and differential expression
of odor processing genes of the invasive insect pest
Red Palm Weevil (*R. ferrugineus*)"
Mobile: +91-9177685454
Email: pmamidala@gmail.com

Lr.04.1/DBT/TU/DST/SERB/EEQ/2016/000710

6th March, 2017

Sub: Sealed Quotations are invited to supply Equipments – 1 (ONE) refrigerated centrifuge, 5430R (Eppendorf) and 1 (ONE) Pipettes Research plus 3-Pack (2 - 20 μ L/20 - 200 μ L/100 -1000 μ L) for DST-SERB/EEQ/2016/000710), Dr Praveen Mamidala, Principal Investigator, Associate Professor, Department of Biotechnology, University College of Science, Telangana University, Nizamabad – Reg.

As per the subject cited, sealed quotations are invited from the reputed firms to supply of Equipments {one (1) refrigerated centrifuge of Eppendorf make (5430R) and one (1) set of Pipettes Research plus 3-Pack (2-20 μ L/20-200 μ L/100-1000 μ L)} for DST-SERB/EEQ/2016/000710 research project, Department of Biotechnology, University College of Science, Telangana University on or before 21-03-2017 by 4.00 pm. Please write on sealed cover as quotations for Equipments {one (1) refrigerated centrifuge of Eppendorf make (5430R) and one (1) set of Pipettes Research plus 3-Pack } for DST-SERB/EEQ/2016/000710 research project and submit the sealed quotations to **Dr. Praveen Mamidala, Associate Professor, Department of Biotechnology, University College of Science, Telangana University, Dichpally, Nizamabad-503322.**

(Dr. Praveen Mamidala)

1. Specifications for Refrigerated Centrifuge

- **Eppendorf Centrifuge 5430R, Keypad, 230V/50-60Hz, including rotor FA-45-30-11**
- Multipurpose refrigerated micro centrifuge 5430R with aerosol-tight rotor for 30 x 1.5/2.0ml tubes
- Product Features:
 - Automatic rotor recognition
 - Foil keypad for programming and easy cleaning
 - Stores up to 50 routine programs
 - 'Fast Temp' for achieving required temperature in shortest possible time
 - 'Fast Temp pro' having the centrifuge refrigerated and ready-for-use at your desired pre-set time
 - Backlit graphical liquid crystal display
 - Low access height: 25cm
- Technical specifications:
 - Maximum speed: 17,500rpm
 - Maximum RCF: 30,130 x g
 - Acceleration time to max.rpm: <14 s
 - Braking time from max.rpm: <15 s
 - Soft ramp: adjustable
 - Timer: 30 s to 99.59 h - continuous
 - Noise level - <54 dB
 - Temperature range: -11°C to 40°C
 - Dimension (WxDxH): 38 x 64 x 30 cm
 - Power requirement: 1050 W.

2. Specifications for Pipettes Research plus 3-Pack

- Option 2: 3 Pipettes (2-20µL/20-200µL/100-1000µL) + 3 reusable ep T.I.P.S boxes with 96 Pipette tips each.
- Fully Autoclavable
- Spring Loaded Tip Cone: Improved ergonomics, Tight fit to the tip (not in 5ml and 10ml pipettes)
- Adjustment opening: Adjust your pipettes to a specific liquid and volume.
- Control Button: Very low operating force, Color indicates pipette volume, Positioned for perfect ergonomics.
- Ejector: Very low operating force, positioned for perfect ergonomics.
- Volume Display: 4 Digits, Magnifying shape.
- Eppendorf Perfect Piston System: Ultra light system made of Forton.
- Quick Connection Clip: Remove lower part easily.