

INTERDISCIPLINARY BRAIN RESEARCH CENTRE

FACULTY OF MEDICINE

ALIGARH MUSLIM UNIVERSITY, ALIGARH

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D. No.5416/IBRC

Dated: 11 -12-2019

Enquiry/Quotation Call Refrigerated Centrifuge

Please quote your lowest rates of the following item with terms and conditions. Interested firms(s) submit their Enquiry/Quotation in the sealed envelope to the undersigned till 20-12-2019 full specification should be mentioned in the Quotation.

Description

Table Top Refrigerated Centrifuge

- Max speed: more than 17,800 rpm and 30,200 g.
- Temperature range: -10°C to 40°C
- The centrifuge must offer swinging bucket, fixed angle and Microplate rotors to meet current and future sample processing needs of the lab.
- The centrifuge must be capable of running
 - Up to 24 x 5ml or 7ml blood collection tubes and 16 x 10ml blood collection tubes in certified sealed conditions.
 - Up to 8 x 50ml or 15 ml disposable conical tubes.
 - Up to 30 spin columns in certified sealed angle rotor.
 - Up to 12 micro tubes in swinging bucket rotor with maximum g-force of 16,438g
- Must be capable of running at least 6 x 50 ml or 15ml conical tubes in biocontainment certified angle rotor.
 - 4 standard or 2 deep well Microplate, PCR strips and haematocrit capillaries.
 - A swing out rotor capable of spinning samples above 16,000g.
- Max timer range: 99h 59min, continuous
- The centrifuge must have direct program buttons, plus several additional programmes accessible via folder, all with alphanumeric program naming.

General Specification:

- Microprocessor controlled system with direct brushless induction drive.
- UL Listed, CE marked, IVD compliant and Certified Bio containment.
- Rotor shall be installed and removed with no tools in less than 5 seconds.
- The buckets and rotor sealing lids must be certified for bio-containment by a 3rd party lab of worldwide recognition.
- Bucket lids must operate in a safe manner without spring clips or metal components.
- The centrifuge must have a low profile (not to exceed 12.2"/31cm) for easy access by end-user
- Warranty: 3 years

