

SPECIFICATIONS FOR THE SUPPLY AND DELIVERY OF A NEW BENCHTOP REFRIGERATED CENTRIFUGE INSTRUMENT FOR THE ARC BIOTECHNOLOGY PLATFORM

The Biotechnology Platform seek to acquire a new benchtop refrigerated centrifuge. This centrifuge will be used mainly for deep well plates of volumes 800 –1200 ml at temperatures ranging between 4 – 25 °C. Occasionally also used for PCR plates hence the need for MTP/Flex carriers. Upon delivery and necessary installation by the supplier the system must be a plug and play, easy to intergrade into the workflow.

PLEASE NOTE: Suppliers are required to complete *all items in Table 1 - Table of Compliance and Details to offer*. Information should be provided in every column for all lines items detailing compliance and details on offer. Any columns left empty will constitute an incomplete and non-compliant quotation.

PLEASE NOTE: Suppliers are required to supply product information brochures **as evidence** for the specifications on offer.

Table 1. Table of Compliance and Details to Offer: Mandatory specifications

	Feature/Specification	Comply (Y/N)	Details on offer
1	The quote of the new centrifuge must include a swing-out rotor with 4 MTP/flex carriers and delivery to the ARC-BTP offices.		
2	The centrifuge with the rotor and the 4 MTP/flex carriers, must be capable of reaching a maximum centrifugal speed of 3000 x g or greater at 4 °C.		
3	It must have a built-in condensation drain for elimination of water that accumulates.		
4	Overall dimension must be equal to or less than: 85mm (L) x 85 mm (W)		
5	Working temperature must be in the ranges of a negative (-) 9 °C (or lower) to positive 25 °C (or greater).		
6	Must have at a minimum 25 of programmable spaces for user defined settings.		
7	The control panel must be paired with a visible clear digital display to view the settings/program.		
8	A system with a quick cooling button for quick change of temperature prior to run is a plus.		
9	Power Supply cable should adhere to South African Standards.		

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10	Operational and Maintenance Manual should be included in English.		
11	One-year warrantee is required, though preference will be given to 2-year or longer warranties and/or guarantees.		

Please note:

1. Instruments that do not meet the above specifications will not be considered.
2. ARC BTP reserves the right to make purchases to fit the budget.