



Terms of Reference /Technical Specification Clauses

Item Name: 8-Bag Rotor for Cryofuge 5500i Blood Bank Centrifuge

Background:

LRC BTS uses Cryofuge 5500i centrifuge with four bags capacity in its branches, what is needed is to increase the capacity of the same existing centrifuges to eight bags.

I- Technical Specifications

1- Rotor Capacity

- **Blood Component Separation:** Plasma, red blood cells (RBCs), platelets, and cryoprecipitate.
- **Number of Bags:** 8 blood bags quadruple bags (Top/Top and Top/Bottom)
- **Bag Volume Compatibility:** 300–500 mL blood bags.
- **Bucket Design:** Swing-out buckets designed to accommodate blood bags with cushioning to prevent damage.

2- Necessary Accessories for a capacity of 8 blood bags:

- a. To be determine by the supplier.

II- Training:

Not required.

III- Documents to be delivered:

- Installation qualification (mandatory)
- Operation Qualification (mandatory)

IV- Accessories required:

Weights for equilibrium: Provided free of charge by the supplier.

V – Transport, installation, and setup

The packaging must be appropriate to guarantee that the rotor will not be subject to any damage during transportation and handling.

The setup in place shall be conducted by the supplier.