

BB/988
24/12/18

BLOOD & COMPONENT BANK
J.N. MEDICAL COLLEGE & HOSPITAL AMU, ALIGARH

Tender under sealed cover in two bids (Technical & Financial) are invited from reputed companies. Tender will be valid for 1 year period. Bags will be delivered to the Institute from time to time as per supply order.

(A) Quadruple Blood bags with integrated filter for leucodepleted red cells 450 ml with following specifications.

- 1) These Quadruple Blood bags with integrated filter should be compatible with T-ACE II and Macopress Smart
- 2) Top and bottom blood bag with inline filter to prepare blood component through buffy coat method and to get leukodepleted red cell.
- 3) It should have needle injury protector, Predonation sampling bag and blood sampling port to ensure more safety.
- 4) It should have 16 gauge needle, ultra thin walled, sharp, rust proof, tightly fixed with hub, covered with sterile guard, hermetically sealed.
- 5) Tubing should be an integral part of bag, flexible, non-kinking, non-sticking, transparent and leak proof and should have same number as that of the bag. The tubes should have multiple printed segment numbers (minimum 15 segment).
- 6) Mother bag of the Top and bottom quadruple blood bag should have 450 ml capacity with 63 ml CPD solution and is connected to three satellite transfer bags of 400 ml -450 ml capacity and a bottom bag of 400 ml-450 ml capacity with 100 ml SAGM solution. The platelet bag should be suitable for 5 days storage. Transfer bags are designed for freezing at -80°C for preparing cryoprecipitate with improved yield and quality.
- 7) Mother bag should be with sufficient mm thickness to prevent breakage during centrifugation and the inner diameter of the transfer tube from mother bag to SAGM bag is of request diameter to provide easy flow of the component.
- 8) Integrated filters should be made of biocompatible polyester material to ensure the quality of component during filtration.
- 9) Integrated filters should be with very soft housing to avoid breakage during centrifugation.
- 10) Recovery of red cell after filtration should be at least 80%.
- 11) Each inline filter should be placed in a separate casing to maintain integrity and shape of inline filters.
- 12) Market standing of more than 04 years.
- 13) Should have expiry of minimum two years at the time of supply.
- 14) Product labels should be barcoded as per ISBT-128. Secondary packing and shipping cartons should be barcoded as per GSI - 128



