

R-6999/CC
25.9.18

22/9/18

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

Tender under sealed cover are invited from reputed companies (Terumo Penpol, Macopharma) for:

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

- 1) Top and bottom blood bag with inline filter to prepare blood component through buffy coat method and to get leukodepleted red cell.
- 2) It should have needle injury protector, Predonation sampling bag and blood sampling port to ensure more safety.
- 3) It should have 16 gauge needle, ultra thin walled, sharp, rust proof, tightly fixed with hub, covered with sterile guard, hermetically sealed.
- 4) 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.
- 5) Mother bag of the Top and bottom quintuple 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.
- 6) 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.
- 7) Integrated filters should be made of biocompatible polyester material to ensure the quality of component during filtration.
- 8) Integrated filters should be with very soft housing to avoid breakage during centrifugation.
- 9) Recovery of red cell after filtration should be at least 80%.
- 10) Each inline filter should be placed in a separate casing to maintain integrity and shape of inline filters.
- 11) Market standing of more than 04 years.
- 12) Should have expiry of minimum two years at the time of supply.
- 13) Product labels should be barcoded as per ISBT-128. Secondary packing and shipping cartons should be barcoded as per GSI - 128

(B) Dockable red cell filter with following specifications.

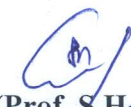
- 1) The predeposit storage leucodepletion filter for the leucodepletion of whole blood/Packed cells.



- 2) Filtration of whole blood and red cells must be completed for >95% of bags within 45 minutes from time at which flow of blood into the filter is opened.
- 3) The filter should be able to reduce the final count of leukocyte in the product to $<5 \times 10^6$ per bag.
- 4) The filtration process should not reduce red cell to less than 85% of the initial red cell mass. Percentage of hemolysis $<1\%$
- 5) Usable with blood of core temperature in the range 4°C - 30°C .
- 6) Filter material should be highly porous polyurethane/ polyester material to ensure quality of red cell during filtration.
- 7) Filter Housing: Material should be polycarbonated with housing volume of max 40ml.
- 8) Bag should be Sterilized by ethylene oxide gas..
- 9) Air Vent: Should not have any any open able air vent in the filter housing. The device should be with a by-pass and one way valve to remove air inside the bag.
- 10) Transfer bag should be attached and have minimum 300ml capacity.
- 11) Integrated filters should be made of biocompatible polyester material to ensure the quality of component during filtration.
- 12) Each inline filter should be placed in a separate casing to maintain integrity and shape of inline filters.
- 13) Market standing of more than 04 years.
- 14) Should have expiry of minimum two years at the time of supply.
- 15) Product labels should barcoded as per ISBT-128. Secondary packing and shipping cartons should be barcoded as per GSI - 128

Tender should be addressed to Medical Superintendent J.N.M.C.H., AMU Aligarh with kind attention Incharge Blood Bank, J.N.M.C.H. , AMU Aligarh. Tender should reach the office of Medical Superintendent by 15/10/2018

Thanking you.


(Prof. S.H. Arif) 17/10
I/C Blood Bank
J.N. Medical College & Hospital
AMU, Aligarh
