Quotations under sealed cover are invited from reputed companies (Terumo Penpol, Macopharma, Fenwel) for quadruple Blood Bags 350 / 450 ml with following specifications.

1). 350 ml quadruple bag top to top with (SAGM/Adsol).
2). 450 ml quadruple bag top to top with (SAGM/Adsol).
3). 450 ml quadruple bag top to bottom with (SAGM/Adsol).

**Specification** –

A. **Design & Shape** -
   a) Flexible, pre – sterilized
   b) Pyrogen free
   c) Non – toxic, non – haemolytic, biocompatible material.
   d) Capacity of the bag should be such to prevent any ballooning / rupture of bag from the seam when it is filled with requisite volume of blood.

B. **Tubing of bag** -
   a) Flexible, non kinking
   b) Non – sticking
   c) Transparent
   d) Leak proof
   e) All tubing should have ID/ Segment numbers as on bag.
   f) Tubing should have legible & clear. multiple ID / Segment numbers
   g) Clamp should be provided for the closed system.

C. **Needle** –
   a) 16 gauge ultrathin walled with protective covering.
   b) Sharp regular margins & beveled tip
   c) Tightly fixed with sterile needle guard
   d) Rust proof

Chair Person
Department of Pathology
J.N. Medical College
A.M.U., Aligarh
D. Package –
   a) Protective dual packing
   b) Easy to handle

E. Anti coagulant & preservative solution
   a) Clear & colorless
   b) No discoloration on storage at room temperature

F. Label –
   a) Non – peel off
   b) Heat sealed labels
   c) Date of manufacturing, date of Expiry and lot no. must be mentioned on each bag.

G. Resistance to distortion
   Filled to normal capacity
   a) Bag should withstand on acceleration of 5000 g. for 30 min. at temp 4°C to 24°C without becoming distorted.
   b) Bag should be able to withstand temperature upto -80°C without breakage.

Quotations should reached to the office of Chairman Dept. of Pathology, J.N Medical College, AMU Aligarh by 16.08.17

Thanking you,