

**Sub: Quotation for Aphaeresis Machine on Annual Rental Yearly Plan and processing Kits –reg.**

Dear Sir.

1. Sealed quotations are invited for (i) one Aphaeresis Machine on Annual Rental Plan and (ii) cost of processing kits, in separate sealed envelopes (specifications enclosed) to be installed in the Indian Red Cross Society, Blood Bank.
2. The firm will ensure that the machine will remain in perfect working condition and is capable of function round the clock and throughout the year. Firms should submit the Annual Rental cost of the Aphaeresis Machine for 5 years that will include the Comprehensive Annual Maintenance Contract (CAMC) with spare parts and accessories calibration of equipment half yearly along with routine maintenance. The quotation should include Technical Bid and Price Bid separately in two separate sealed envelopes placed in one outer/sealed envelope.
3. The firm will train our technicians as well as send the engineers/Technical expert as and when required by the Red Cross.
4. The qualifying technical bid firms will provide a demonstration of the Machine at the premises of the Red Cross Blood Bank 1- Red Cross Road, New Delhi in front of Technical expert.
5. Quotation should be marked "Aphaeresis Machine and processing Kit-Due date 21.11.16" on the envelop. Quotation not received in sealed cover or by the due date will not be considered.
6. The Secretary-General has the right to reject or accept any or all quotations without assigning any reason.
7. The quotation will be opened on 22.11.16 at 3.00 PM in the office of the Director, Blood Bank, IRCS NHQ, 1-Red Cross Road, New Delhi -110001. The bidder/authorised representative may be sent to be present at the time of opening of Technical Bids.
8. The successful bidder has to warrant that the Machine supplied under this contract are current models and incorporate all recent improvement in design and material.
9. The first payment to the successful bidder will be settled after obtaining a one month performance certificate from the Director, Blood Bank, during which the performance of the Machine will be keenly observed. The rent for the machine will be released in quarterly instalment.
10. The Sealed quotation should reach the Director, Blood Bank, Indian Red Cross Society, 1-Red Cross Road, New Delhi-110 001 latest by 21.11.16 till 3.00 PM.

(Dr. Vanshree Singh)  
Director, Blood Bank

**APPENDIX: II**

Price Bid:

- Annual Rent of the Aphaeresis Machine with taxes.....
- Cost of processing Kit with taxes (Aphaeresis Kit).....

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**APPENDIX: I**  
**Technical Specification**

1. Continuous Flow Technology with single needle.
2. Following protocols should be available a. Leucodepleted Platelets + Plasma b. Therapeutic Plasma Exchange c. Peripheral Blood stem cell collection d. Red cell pheresis, plasma pheresis
3. Inbuilt process Leucoreduction
4. Extra Corporeal Volume less than 200ml
5. Air Detector
6. Centrifuge leak detector, automatically detected before priming
7. Inlet and return pressure monitor
8. Facility for fluid replacement during procedure with sensor
9. Citrate control and monitoring facility
10. Platelet should be collected with plasma, no manual mixing needed
11. Inbuilt quality control
12. Programmable Haematocrit and Plasma Volume
13. Should have inbuilt battery backup and also provide on-line UPS of suitable capacity with 3 hours backup
14. System should recover from exact point whenever paused
15. 500ml ACD should be provided with plasma exchange / platelet pheresis kits
16. ACD drip monitoring with minimum ACD use
17. Input voltage 230 VAC +10%
19. Haemolysis monitoring for plasma line
20. Yield of  $3.3 \times 10^{11}$  even at pre-count of 2.65 lakhs per micro liter
21. Inbuilt automatic cuff and pressure monitoring
22. Onsite training for the departments concerned
23. The rate for the following consumables should be provided in the price bid and the rates shall be frozen for three years from the date of price bid opening. The rate offered for consumables will be taken for L1 evaluation.
  - a. Platelet kit