



RAJASTHAN MEDICAL SERVICES CORPORATION LTD.

D- Block, Swasthya Bhawan, Tilak Marg, C-Scheme JAIPUR (Raj)



Ph. No. 0141-2223887, Fax No. 0141-2228065

CIN: U24232RJ2011SGC035067

E-Mail -edepmrmisc-ri@nic.in

No. F-8(85) RMSC/EPM/M-1/R. C. 16-17/NIB-184/2016/ 4969

Date: 23/11/16

CLARIFICATION/CORRIGENDUM/ADDENDUM

Subject: - Amended Technical Specifications of Bid document of Item Refrigerated Centrifuge for Blood Components 6-8 Bags, under NIB No. F-8(85) RMSC/EPM/M-1/R. C. 16-17/NIB-184/2016/4464 Date: 24.10.16

In reference to subject cited above and NIB-184, the representations received from the various firms and issues raised by the Bidders, are examined by the competent Authorities and technical committee. The following Clarification/Corrigendum/Addendum is issued for inclusion in Bid document. Amended Technical Specification of items as below:-

1. Amended Technical Specifications of Items Refrigerated Centrifuge for Blood Components 6-8 Bags as below:-

Amended Technical Specifications of item Refrigerated blood component centrifuge (8 Bags)

1. Purpose:

a) 8 bags floor standing refrigerated centrifuge for separation of complete components solution from whole blood.

2. Design and operation:

a) Stable, sturdy all-steel design with stainless steel rotor chamber, should be easy to clean corrosion resistant paintings.

b) Provision of both drain and condensed water collection container.

c) Microprocessor controlled.

d) Programmable memory with temper proof program saving facility, with parallel saving atleast 9 or more programs.

e) CFC free refrigerant.

f) Various formats of Swing-out rotors with metal buckets and with wind shields that should be able to accommodate at least the following:

• Eight 350 ml and 450 ml double, triple, quadruple, quintuple blood bags with SAGM bag and empty satellite bags with in Line filter system.

• Removable plastic adapters to hold single/ double/ triple/ quadruple blood bags with partition in every bucket and with provision to hold balancing weight at the sides of the adapter so that it will not come in contact with blood bags. Balancing weight should be supplied with equipment. Insert with inbuilt hook adapter to spin Buffy coat or small volume of blood and balancing weights for inserts. Automatic lid lock while processing (working mode)

3. Speed and force:

a) Maximum speed at least 4,000 rpm to 4500 rpm

b) Maximum RCF (Relative Centrifugal force) for blood bags: 5000g-6000g.

c) Acceleration and deceleration profiles should be independently adjustable with at least nine brake levels and option for free coasting.

d) Speed variation: microprocessor controlled rotor speed to within 10 rpm of set value.

4. Temperature control

a) Range at least: -8°C to +40°C.

b) Adjustable in 1°C intervals

c) Microprocessor controlled rotor temperature within 1°C of set temperature regardless of centrifuge speed.

5. Programmable centrifugation time: 0min-99min with minimum resolution of 1 minute.

6. Digital display (real time and set target) of temperature, speed and time with minimum no. of 3 digit resolution.

7. Should incorporate alarms for imbalance detection, lid interlock, over temperature, rotor over speed.

8. Motor imbalance detection: automatic shutdown of centrifuge if rotor load is out of balance with appropriate indicator.

9. Power requirement: 220/240 volts, 50 Hz. Single phase AC supply.

10. The equipment shall be suitable for operation from 0 to 40°C at 90% relative humidity. Electronic

