

Rajasthan Medical Services Corporation Limited, Jaipur

Gandhi Block, Swasthya Bhawan, Tilak Marg, C-Scheme, Jaipur - 302005

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No. F-8(113) RMSC/EPM/M-1/R. C. 16-17/NIB-184/2017/ 1145

Date: 24/3/17

Rate Contract and Price Details

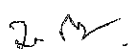
| S.N. | Item | Detail |
|------|--|--|
| 1. | Name of Equipment / Item | Refrigerated Centrifuge for Blood Components 6-8 Bags |
| 2. | Name & Address of Firm | M/s Vision Diagnostic India Pvt Ltd A-10, Second Floor, Acharya Niketan, Mayur Vihar, Phase - I, Delhi-110091 E-mail: info@vision-groups.com Tel: +91 120 4343000 |
| 3. | Brand/ Model / Make | CRYOFUGE 5500i |
| 4. | Packing Unit | Each |
| 5. | R/C No. & Validity | R.C. No. 366 (Valid up to 31.03.2019) |
| 6. | Net Rate Per packing Unit (Rs.) | Rs. 19,70,000.00 |
| 7. | Taxes Consessional CST @ 2%/VAT @14.5% (Rs.) | Rs. 39400.00 |
| 8. | RMSC Surcharges @ 5% | Rs. 100470.00 |
| 9. | Total Price (Rs.) | Rs. 2109870.00 |
| 10. | Guarantee Period | Year :- Three years, from the date of Installation of Equipment |
| 11. | CMC after Guarantee Period | CMC :-CMC will given @ 5% (of Net rate- inclusive of exise duty & exclusive of VAT/ CST etc) plus service tax as applicable & yearly escalation of 5% on last year's CMC price. The CMC may be awarded for 5 years (on yearly basis) after completion of Guarantee period of Three years |
| 12. | Technical Specification of Item -Refrigerated Centrifuge For Blood Components 6-8 Bags | |
| 1. | Purpose | |
| (a) | 8 bags floor standing refrigerated centrifuge for separation of complete components solution from whole blood. | |
| 2. | Design & 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 of at least 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: | |
| | <ul style="list-style-type: none"> • 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 & Force | |
| (a) | Maximum speed at least 4,000 rpm to 4500 rpm | |

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| (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 circuitry shall be tropicalised for this ambient condition. |
| 11. | Noise level, within 60 decibels. |
| 12. | The equipment should, come with customized castor for changing location. |
| 13. | Protection of data: in event of power interruption or complete failure, data should remain stored indefinitely. |
| 14. | Should have a provision for external connectivity. |
| 15. | It shall have a security lock to prevent unintentional switch off and also unauthorized opening of the equipment. |
| 16. | A suitable stabilizer should be supplied with equipment |
| 17. | Copper wound single phase automatic line voltage corrector conforming to IS: 9815(PLI)/94 with latest amendments or equivalent international standards fitted with a voltmeter and switch to indicate output/ input voltage. |
| 18. | Input voltage: 140-280 V, 50 Hz, output voltage: 220 V ±10% |
| 19. | Input output voltmeter and amperemeter. Protection for high low voltage cut off, overload and short circuit protection. |
| 20. | Equipment should be supplied with 2 meter cord at input and fitted with plugs of appropriate rating. |
| 21. | Certifications: |
| | Manufacturing should be compliant with ISO 13485 (Valid documentation should be submitted in technical bid). |
| | Should be European CE class II A or US FDA certified (Valid documentation should be submitted in technical bid). |
| | Electrical safety: Equipments meets electrical safety specifications as per international norms from a international certifying agency |
| 22. | Additional requirements |
| (a) | Double pan balance, Balancing weights and plates, plastic inserts and spacers and hooks adaptor for adjusting to different types and sizes of bag/tubing/filter designs, and firm should supply one LAPTOP (System should have i3 processor with latest operating system, HDD 1TB, 4 GB RAM, 17" Screen) with laser printer with Split AC 1.5 ton of reputed make Free of cost with equipment. (Guarantee card with bills have to be submit with items to claim guarantee of these items). |
| 23. | Guarantee: Three years on equipment from the date of installation. |
| 24. | CMC: CMC will given @ 5% (of Net rate- inclusive of exise duty & exclusive of VAT/ CST etc) plus service tax as applicable & yearly escalation of 5% on last year's CMC price. The CMC may be awarded for 5 years (on yearly basis) after completion of Guarantee period of Three years |

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| | 25. | The company should submit technical compliance sheet as per technical specifications mentioning the make and model of quoted item along with catalogue in the technical bid. | | | | |
| | 26. | Installation will be done by the supplier free of cost. | | | | |
| | 27. | The service engineer should be based in Rajasthan | | | | |
| | 28. | Four preventaive maintenance services annually during gurantee and CMC period are essential | | | | |
| | 29. | Live Demonstration of equipment to verify technical specifications is must for final technical approval | | | | |
| 13. | Comprehensive Maintenance Contract Charges (per year/per machine) | | | | | |
| | Rates (Rs.) Per Unit | First Year | Second Year | Third Year | Fourth Year | Fifth Year |
| | Comprehensive Maintenance Agreement (CMA) | CMC: CMC will given @ 5% (of Net rate- inclusive of exise duty & exclusive of VAT/ CST etc) plus service tax as applicable & yearly escalation of 5% on last year's CMC price. The CMC may be awarded for 5 years (on yearly basis) after completion of Guarantee period of Three years | | | | |



Executive Director (EPM)
Rajasthan Medical Services Corporation Ltd.,
Jaipur