

## TECHNICAL SPECIFICATION

### SYRINGE INFUSION PUMP

1. Microprocessor controlled syringe infusion Pump.
2. Should have Rate Mode, Time Mode, Dose Mode, and Drug Library for 50 or more drugs.
3. Should Have Facility For Automatic Syringe Size detection for 5 ml, 10 ml, 20 ml, 30 ml, 50ml,
4. Should also have facility to accept any unknown brand of syringe in the form of custom syringe.
5. ALARMS : Infusion Completion, Empty, Occlusion, Near Completion, Low Battery & Adjustable Buzzer Volume
6. Adjustable visual and audible alarms.
7. Should have Bolus Facility with bolus rate 0.1 ml/hr to 1200ml/hr. & Anti - Bolus Function
8. Rechargeable Battery operating time Approx. 6 hours or more at the rate of 5 ml/hr.
9. Should have 90 degree rotation pole clamp convenient for horizontal bar & vertical IV pole.
10. Should have facility for front loading of syringe.
11. Flow rate adjustable from 0.1 ml/hr - 1200 ml/hr (depending on the syringe capacity).
12. Online changing of delivery rate possible.
13. Internal function alarm. Drive disengaged alarm & should have KVO (KEEP VEIN OPEN) Mode. Should have keypad locking facility.
14. Should be CE Certified / USFDA approved.
15. **Guarantee:** Two years on equipment from the date of installation.
16. **CMC:** CMC will be given @ 5 % (of net rate - inclusive of Excise Duty & exclusive of VAT / CST etc.) plus service tax (as applicable) and yearly escalation of 5 % on last year's CMC price. The CMC may be awarded for five years (on yearly basis) after completion of Guarantee period of two years.
17. User manual with trouble shooting guidance should be provided by supplier.
18. Rates of Accessories and Consumable: Rates of consumable like Battery & power cord should be provided by bidder in BOQ in e-proc. Portal.
19. Installation will be done by supplier free of cost.
20. The service engineer should be based in Rajasthan.
21. Demonstration of Equipment is must for technical approval.
22. The company should mention the make & model name / number of the quoted equipment and submit the technical brochure of the quoted model in the Technical bid along with compliance sheet as per technical specifications.
23. Firm should mention all the pre-installation requirements in technical bid.

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