



Notice Inviting e-Tender

West Bengal Medical Services Corporation Limited
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**SUPPLY AND COMMISSIONING OF FACILITY BASED NEWBORN CARE (FBNC) EQUIPMENTS
IN THE HOSPITALS AND AND MEDICAL COLLEGES OF THE GOVT. OF WEST BENGAL**

(Submission of Bid through *online*)

Bid Reference No.: WBMSCL /NIT- 38 /2017

Dated – 20.07.2017

The following amendment have been made in the tender document,

Amendment –II

Syringe Pump

A. Essential

1. Microprocessor controlled pump capable of propulsion of fluids accurately.
2. Syringe compatibility: The pump should work with different brands of syringes and is able to accept syringes with volumes of 10 ml – 50 ml.
3. There should be automatic detection of syringe size.
4. It should be equipped for detecting correct fixing of syringe.
5. Flow rate should be adjustable from 0.1 ml/hr to 1000 ml/hr.
6. Flow rate should be adjustable in increments of 0.1 ml/hr.
7. Flow rate adjustment should not involve stopping of the existing infusion rate.
8. The accuracy of flow rate should be $\pm 2\%$.
9. The flow rate should be displayed in ml/ hr. Delivery rate can be calculated automatically by pre-setting of volume & time. It should also accept values in mg/ hr, μg / hr, mg/ kg/ hr etc.
10. It should be able to deliver bolus dose in automatic/ manual mode.
11. Pump should have commonly used drugs library of 40 or more.
12. It should work on 200 – 240 VAC, 50 Hz source and in-built rechargeable battery.
13. Internal battery life should be minimum of 6 hrs when fully charged.
14. Pump should have LED/ LCD display.
15. The following audio and visual alarms should be incorporated:
 - a) Main changeover to battery indication
 - b) Alarm for occlusion volume of less than 0.5 ml

- c) Near empty syringe
 - d) Low battery
 - e) Standby visual alarm
16. There should be a method of automatic bolus volume reduction after occlusion release.
 17. There should be provision for setting of occlusion pressure alarm.
 18. The pump should be waterproof so that fluid should not enter inside the pump in case of accidental spillage.
 19. The syringe pumps should be capable of standalone functioning as well as being fixed on a frame/platform/stand.
 20. Power cord should be supplied with 3 meters in length.
 21. Cost of all accessories and spares including the cost of rechargeable battery should be mentioned in form 9 (a) & 9 (b) separately.
 22. **Standards, Safety and Training**
 - i). It should be US FDA or CE (“Conformite Europeene”) from European Union notified body having 4 digit identification number approved (Certificate to be submitted).
 - ii). It should have onsite service facility. The service provider should have necessary equipments recommended by the manufacturer to carryout preventive maintenance test as per guidelines provided in the service/ maintenance manual.
 - iii). Warranty for 2 years and 5 years CMC after warranty.

B. Desirables (Qualifying marks in Desirable is 60)

SL. No.	Variables	Characteristics	Points
1	Compatibility with small volume of syringe (in ml)	< 10	10
		10	5
2	Minimum flow rate (ml/ hr)	< 0.05	15
		≥ 0.05 to < 0.1	10
		0.1	5
3	Maximum flow rate (ml/ hr)	> 2000	10
		≥ 1200 to ≤ 2000	5
		> 1000 to < 1200	1
4	Flow rate increment (< 100 ml) in ml/ hr	< 0.1	15
		≥ 0.1	5
5	Accuracy of set delivery rate	≤ ± 1%	10
		≤ ± 2% to > ± 1%	5
6	Minimal setting of alarm for occlusion pressure	< 50 mm of Hg	10
		50 to 99 mm of Hg	5
		≥ 100 mm of Hg	1
		Fixed	1
7	Maximum setting of alarm for occlusion pressure	upto 150 mm of Hg	10
		upto 500 mm of Hg	5
		> 500 mm of Hg	1
8	Internal battery backup @ 5 ml/ hr or equivalent	≥ 15 hrs	10
		≥ 10 hrs to < 15 hrs	5
		< 10 hrs	1
9	Bolus rate (ml/ hr)	> 1500	10
		1000 - 1500	5
		< 1000	1
Total			100

Amendment - III

Form 9(a): PRICES FOR CONSUMABLES (to be uploaded for each schedule)

Sl. No	Items	Basic Price of 1(one) number in INR excluding GST
1		
2		
3		
4		

NOTE: The Tenderers should furnish the price of all the Consumables of the offered model in a separate sheet. If any Tenderer do not submit the price of any of the consumables, it will be presumed that those Consumables shall be supplied FREE OF COST by the Tenderer during Warranty & CMC period.

Form 9(b): PRICES FOR SPARES (to be uploaded for each Schedule)

Sl. No.	Items	Basic Price of 1(one) number in INR excluding GST

Amendment - IV

Section I: Instructions to Tenderers

A. Important information at a glance

(The item suffixed by "E" in bracket indicates Eligibility Criteria for a bidder)

1. Tender Schedule Details

SCHEDULE	ITEM	QTY	Warranty	Comprehensive Maintenance Contract (CMC)
Schedule-IV	Syringe Pump	350	2 Years	5 Years

Amendment - V

1. List of Consignee

SCHEDULE	Description of Goods	Quantity	Unit	Consignee List
Schedule-IV	Syringe Pump	350	Numbers	To be notified later

Please note:

- The Consignee Receipt Certificate (CRC) will be issued to the Vendor within 72 hours of the delivery at the Consignee address.