

## Notice Inviting e-Tender

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SUPPLY OF CRITICAL CARE UNIT (CCU) AND HIGH DEPENDENCY UNIT (HDU) EQUIPMENTS  
IN THE HOSPITALS AND MEDICAL COLLEGES OF THE GOVERNMENT OF WEST BENGAL.

(Submission of Bid through *online*)

Bid Reference No.: WBMSCL/NIT-26/2016

Dated-23.05.2016

### Schedule-II

#### Amendment – II (Revision of Technical Specification)

The revised technical specifications for the item is given below,

#### Rapid Infusion Pump

- Delivery rate

- 0.1-1,200 mL/h (0.1- 99.9 mL/h: 0.1 mL/h step, 100 -1,200 mL/h: 1 mL/h step)
- The delivery rate can be set in 1 mL/h step throughout the range by the internal mode select switch.

- Delivery limit

- 1-9999ml

- Volume delivered

- 1- 9,999 mL (0.0 - 99.9 mL: 0.1 mL step, 100 - 9,999 mL: 1 mL step).

- The volume delivered reading is in 1 mL step from 1 to 9,999 mL by the internal mode select switch.
- **Purging**
  - Higher than 500 mL/h
- **Alarms**
  - Air/Occlusion/Flow error/Door/**Low Battery**.
  - Pump stops except during the '**Low Battery**.' alarm.
- **Occlusion detection** facility should be there
- **Pressure**
  - The detection pressure can be adjusted in 3 levels (**Low / Medium / High**) within the above range.
- **Completion function**
  - When the total volume delivered reaches the preset delivery limit, the indicator and buzzer notify the operator.
- **Special functions**
  - 'Keep vein open' function (After the delivery limit has been reached, delivery continues at 1 mL/h for a set flow rate of ~1mL/h: or at the delivery rate setting < 1 mL/h.)
  - Tubing clamp function (When the door is opened, tubing is automatically clamped.)
  - Volume delivered clear function
  - Time remaining (or) time lapsed display
  - Battery capacity indicator (3 levels)
  - Adjustable display brightness (Can be switched to 2 levels)
  - Adjustable buzzer volume (single level)
  - Operation history function (Storage/display of operation history). The unit should store the last settings.

- Standby, function
- Repeat alarm function
- Start reminder function
- The following functions can be selected via internal switches:
- Volume memory function
- Delivery rate 1 mL/h step

- **Environmental Factors**

- The Unit shall be capable of being stored continuously in ambient temperature of 10 – 40 C & relative humidity of 15 - 90%
- Shall Meet IEC - 60601-1-2:2001 (or Equivalent SIS) general requirements of safety for electromagnetic compatibility
- Shall be capable of operating continuously in ambient temperature of 10 - 40 C and relative humidity of 15 - 90%

- **Power Back-up**

- Power input: 220-240V/50Hz Single phase or 380-400 V AC50 Hz three phases fitted with appropriated Indian plugs & sockets.

- **Standards, Safety & Training**

- Should be US FDA or CE approved product
- Electrical safety conforms to standards for electrical safety IEC - 60601/IS – 13450
- Manufacturer should have ISO certification for quality standards
- Should have local service facility. The service provider should have the necessary equipment recommended by the manufacturer to carry out preventive maintenance test as per guidelines provided in the service/maintenance manual
- Warranty for 2 years and provision of CMC for next 5 years.
- User manual in English
- Service manual in English
- List of important spare parts and accessories with their part number and costing
- Certificate of calibration and inspection from factory
- List of equipment available for providing calibration and routine maintenance

support as per manufacturer documentation in service/technical manual

- Compliance report to be submitted in a tabulated and point wise manner clearly mentioning the page / para number of original catalogue/data sheet. Any point, if not substantiated with authenticated catalogue/manual, will not be considered

Must submit user list and performance report within last 5 years from major hospitals

## Amendment – III

### E. Submission and Opening of Bids

#### (II) Statutory Documents

##### (c) BID – C

The components of the Bid C is noted below,

##### i) Bill of Quantity (BOQ),

BOQ shall contain the financial quotes in respect of the following,

- (a) **Gross Price of Equipment (GP):** includes value of goods, accessories & ancillaries and taxes, duties, freight charges, insurance, installation, commissioning, end user training as many number of times as required during the period of warranty and any other charges as applicable. **Entry tax @ 1% should also be considered in the Gross Price.**

- (b) **Comprehensive Maintenance Contract (CMC) charges** (excluding applicable taxes and charges) include:

The equipment including all other accessories and ancillaries as given in the specification of the equipment.

The rates are to be quoted year wise. 90% (ninety per cent) of the CMC Charges will be paid at the time the CMC is executed against submission of equivalent amount of bank guarantee. Balance 10% (ten per cent) will be paid after satisfactory completion of the CMC period (in this case, no Performance Security would have to be deposited by the supplier).

The equipment wise list for preventive maintenance is given in the table below,

Sl. No.	Equipments	Mandatory PMS visit during warranty & CMC	Remarks
2	Rapid Infusion Pump	4	<p>1. Supplier/ authorised service provider must attend all breakdown calls during warranty/ CMC period.</p> <p>2. The supplier should provide Preventive Maintenance Services (PMS) yearly / bi - yearly / quarterly in equal interval to fulfill the minimum number of mandatory PMS as recommended in the previous column during warranty / CMC period.</p> <p>3. The preventive maintenance includes testing &amp; calibration as per technical / service/ operational manual, spares, all software updates and labour.</p>

**ii) The Statement of Breakup of Duties and Taxes and Cost of Consumables & Spares**

The Tenderer should upload the following statements in PDF in addition to BOQ in .xls

- (i) Breakup for Duties and Taxes (as per Form 8 of Sec V) for equipment.
- (ii) Cost of Consumables & Spares as per Form 10(a) and 10(b).

**Financial comparison of Bids**

The details of financial comparison of the bids for the following schedules is noted in the table below,

Schedule	Item	Sum of the components under BOQ would be taken together
Schedule-II	Rapid Infusion Pump	'a' & 'b'

The rates quoted shall be firm and no variation will be allowed during the period of contract.

Detailed list of documents annexed at Form 1 Check-List Form, Section V

***N.B.***

- a) Any wrong or misleading information provided by the Tenderer during submission of bids may lead to summary cancellation of bid, blacklisting in WBMSCL for at least 5 years and forfeiture of EMD.
- b) Each scanned documents should have an index page indicating the name of the documents enclosed with Page no.
- c) The Earnest Money will be refunded within 15 days after finalization of the tender and / or submission of Performance Bank Guarantee.

## **F. Evaluation and Comparison of Bids**

### **34. Evaluation of Bids**

#### **B. Financial Evaluation**

Financial Bids (Bid - C) of the technically qualified Bidders would only be opened. **Comparison of Financial Bids would be based on the sum of 'a' & 'b' taken together as mentioned in "Submission and Opening of Bids" quoted by the tenderers.**