



**PURCHASE SECTION**

STR-D1/227/Eqpt/ LTE/Nphy/2019-20/Retender

10.12.2019

**LIMITED TENDER ENQUIRY**

Sub: Quotation towards supply of Microinfusion pump & Microinfusion pump management system

Dear Sir/Madam,

With reference to the subject cited above, kindly make arrangements to submit your quotation in a sealed cover for supply of the following item, as detailed below addressed to **“Special Officer (E), Purchase Section, NIMHANS, Hosur Road, Bengaluru – 560 029”** before 4 pm on 09.01.2020 (due date). An early compliance is requested.

Sl. No	Item Description	Qty
1.	Microinfusion pump	02 No
2.	Microinfusion pump management system	01 No
<p><b><u>Technical Specifications for implantable and programmable Microinfusion pump &amp; Microinfusion pump management system:</u></b></p> <ol style="list-style-type: none"><li>1. This should consist of microinfusion pump and management system</li><li>2. The implantable and programmable pump should comply with the following<ol style="list-style-type: none"><li>1. It should be completely implantable in rats subcutaneously.</li><li>2. It should be communicating through USB to Data Communication Device</li><li>3. It should allow free movement to animals without any restrain (i.e. tethering) during drug infusion.</li><li>4. It should have refillable reservoir which should be elastic and configured in such a geometry as to allow gentle palpation to confirm an approximate level of fluid in the reservoir.</li><li>5. It should be able to replenish any medical fluid in the pump via percutaneous access to the pump refill septum.</li><li>6. The Start Time, End Time, Flow-rate (1.0µl/hour to 30.0µl/hour), Constant and Variable infusion mode shall be programmable as per user requirements.</li><li>7. The pumps should be programmable thus indispensable for applications where accurate flow infusion, recovery/washout periods, constant/variable dose or complex circadian infusion studies are necessary.</li><li>8. The pump should be able to start administration instantly at the pre-programmed start time &amp; date and continue to infuse for the pre-programmed flow-rate and duration.</li><li>9. The battery life should be up to 6 months at a flow rate of 1.0µL/hr continuously</li><li>10. The basic principle should be peristaltic movement of the reservoirs controlling the infusion.</li><li>11. The accuracy range shall be +/-4% or better.</li><li>12. The activation method should be IR communication based.</li><li>13. The flow rate range should be 1.0µL/hr - 30.0µL/hr (Resolution : 0.1µL)</li></ol></li></ol>		



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	<p>14. The battery life shall be of the range as 6 Months at 1.0<math>\mu</math>L/hr - 1 week at 30.0<math>\mu</math>L/hr</p> <p>15. "It should be schedule management (Exchange schedule, Refill date/time, Alarm,</p> <p>16. Elapsed time &amp; volume infused, etc.)"</p> <p>17. Pump should be programmable via-PC</p> <p>3. Pumps for rat – 5 Nos. in each pack.</p> <p>4. Data Communication Device should</p> <ol style="list-style-type: none"><li>1. Have USB / Serial Interface</li><li>2. Communicate with the pump through IR Communication</li><li>3. Have power supply through the PC USB or batteries</li></ol> <p>5. Management Software capable of programming the pump</p> <p>6. Accessories for intracerebroventricular (ICV) administration</p> <p>7. <b>Warranty and Software Updates</b></p> <ul style="list-style-type: none"><li>• The Data Communication Device should be provided with <b>5 years warranty</b> and free updates for the pump management software should be made available as and when available.</li></ul>
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## Terms & Conditions

1. **Sealed quotation (Two Bid) separate Technical Bid and Commercial Bid** has to be submitted only by either manufacturer of the articles or the authorized local supplier of the manufacturer.
2. Validity of the bid should be for 120 days from the due date.
3. Enquiry reference number along with date and due date should be superscribed on outer cover.
4. The EMD amount (If asked) for the quotation may be enclosed in the form of DD favouring to **“The Director, NIMHANS payable at Bengaluru. Kindly mention the quoted item Sl. No., item name and Bidder’s name behind the DD without fail.”**
5. Quantity of items may be increased / decreased as per requirement.
6. **Financial bid should be in INR for NIMHANS door delivery price** and total cost with detailed breakup of cost towards Item wise price, taxes, any surcharges (such as transportation, installation, customs duty, etc.), warranty/expiry period, delivery period, contact person details (such as Mobile No., E-mail, local supplier address) should be clearly mentioned.
7. **Quotation must be submitted along with relevant documents counter signed along with seal by the bidder (such as Authorization certificates, Purchase order related to previous supply to Institutes/Hospitals, Catalogues, Data Sheet, PAN number, GST Registration copy, Bank details, Technical Compliance Statement, Proprietary certificate from the manufacturer (if applicable), Pre requirements required for using chemicals, Non – blacklisting certification that the firm has not been blacklisted in the past by any Government / Private institution and certification for No Vigilance/CBI case pending against the firm/supplier by making an affidavit on non – judicial stamp paper of `10/-, Declaration, etc.). If not submitted quotation will be treated as incomplete and may be rejected.**



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8. If the purchase of article is approved by the Institute, the article should be supplied/installed within the delivery period quoted else penalty will be levied as per institute rules.
9. Sealed quotation shall be addressed to  
**SPECIAL OFFICER(E), PURCHASE SECTION, NIMHANS,  
HOSUR ROAD, BENGALURU – 560 029**
10. **Quotation received after last date and time will not be considered under any circumstances.**
11. However, the Institute reserves the right to accept or reject any/all quotations without assigning any reason whatsoever.
12. **NO ADVANCE PAYMENT.** Bill will be passed for payment to accounts section only after satisfactory supply/installation certification of the articles from the concerned Head of the Department/Section. Further payment will be made by accounts section.
13. If necessary the firm may be called for presentation/demo of the articles.
14. None of the terms and conditions of the supplier shall be applicable to the purchase contemplated hereunder, irrespective of it being attached to any documents to be provided to NIMHANS. Such exercise shall have no meaning and binding effect unless the same is accepted by NIMHANS in writing.

### **For Technical Clarifications contact:**

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**Yours Faithfully,**

**Special Officer(E)**