



PURCHASE SECTION

STR-D1/546/Eqpt/01/Spirometer/LTE/Nphy/2019-20

25.02.2020

LIMITED TENDER ENQUIRY

Sub: Quotation towards supply of Desktop Spirometer with Laptop

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 10.03.2020 (due date). An early compliance is requested.

Sl. No	Item Description	Qty
1.	<p>Desktop Spirometer with Laptop</p> <p><u>Technical Specifications:</u></p> <p>The system should be light weight, stand alone with built in Printer, Display and Alpha numeric Keypad to perform screening spirometry tests including FVC (Pre-post), MVV, SVC, Respiratory Pattern, Broncho Challenge test. It should have facility to down load tests to the computer and also to perform real time testing on the computer directly. It should also be able to print directly through any PCL printer. The spirometer must meet ATS/ERS 2005 standards.</p> <p>It should be able to measure the following parameters:</p> <p>Forced Vital Capacity (Pre-Post): FVC, FEV1, FEV6, FEV1/FEV6, FEV6/FVC, PEF,PIF, FEV1/FVC, FEF25-75, FEV1/VC%, %FEV1, MEF25%, MEF50%, MEF75%, FET100%, VEXT, PEFT, BEST FVC, BEST FEV1</p> <p>Bronco Challenge Test (Dose Response): PD10, PD15, PD20 with automatic diagnosis of COPD</p> <p>Slow Vital Capacity: ERV, IRV, VE, IVC, VC, VT, Rf, ti, Te, Ttot, Ti/Ttot, Vt/Ti, TLC, RV, RV/TLC, IC</p> <p>Maximum Voluntary Ventilation: MVV, MVt, MRf, VE</p> <p>Incentive Program: For children and elders requiring encouragement for correct maneuver.</p> <p>Display: The system should have a 320X240 Graphic Colour Display</p> <p>Printer: Thermal.</p> <p>Weight: Should be light weight.</p> <p>Power Supply: Should be able to operate from mains as well as battery.</p> <p>Flow meter: Should be digital Bi-directional Turbine with a flow range of 0.03 to 20 L/s, volume range 12 L, Accuracy FV: $\pm 2\%$</p> <p>Interface: It should have both USB as well as RS232 interface.</p>	01 No



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<p>Software: Software compatible for Windows 7/8 should be supplied with the equipment.</p> <p>Essential accessories/consumables: In addition to the standard set of accessories the system should be supplied with a) Disposable mouthpieces-500 pcs.,</p> <p>Optional: Integrated Airway Resistance by Occlusion method, Pulse Oximetry and MIP/MEP modules to be quoted.</p> <p>Quality Assurance: The manufacturer should have ISO certifications and the product must have CE European and US FDA clearances/certifications.</p> <p>The Warranty should be 03 years & CMC should be 05 years</p>	
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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.**
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.



NATIONAL INSTITUTE OF MENTAL HEALTH AND NEURO SCIENCES

(Institute of National Importance), Bengaluru- 560 029

राष्ट्रीय मानसिक स्वास्थ्य और तंत्रिका विज्ञान संस्थान, (राष्ट्रीय महत्व संस्थान), बंगलूरु - 560 029

ರಾಷ್ಟ್ರೀಯ ಮಾನಸಿಕ ಆರೋಗ್ಯ ಮತ್ತು ನರ ವಿಜ್ಞಾನ ಸಂಸ್ಥೆ, (ರಾಷ್ಟ್ರೀಯ ಪ್ರಾಮುಖ್ಯತಾ ಸಂಸ್ಥೆ), ಬೆಂಗಳೂರು - 560 029

Phone 26995023/5913/5923/5024/5025/5780 Website <http://www.nimhans.ac.in/tender>

Fax 080-26571563/26564830/2121/6811 E-mail aaos@nimhans.ac.in



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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)