Notice calling for Quotations/Tenders

DEPARTMENT OF PEDIATRICS J. N. MEDICAL COLLEGE
ALIGARH MUSLIM UNIVERSITY, ALIGARH

Ref. No

Sir,

Sealed quotations/ tenders are invited for the following equipment on the terms and conditions printed over-leaf. Quotation should reach this office on .....15-02-19..... or before

<table>
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<th>S. No.</th>
<th>Description</th>
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<tr>
<td>1.</td>
<td>EXHALED NITRIC OXIDE ANALYSER (Pediatric)</td>
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<td>2.</td>
<td>RESPIRATORY HUMIDIFIER FISHER PAYKL MR 850</td>
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Specification Enclosed.

[Signature]

Prof. Farzana K Beig
Chairperson
Department of Paediatrics
J.N. Medical College
A.M.U., Aligarh

[Signature]
TERMS & CONDITIONS:

01. Goods are received to be dispatched F.D.R. Aliragh/Ex-godown at site by passenger Train/Goods, Train/Parcel Post.

02. Goods will be supplied in the name of the Chairman/Head of the Office/Department Pediatrics Aligarh Muslim University, Aligarh.

03. The Department has the right to accept the rates of some or all the articles required.

04. The Department reserves the right to reject any or all the quotations without assigning any reason or to allot full or part of the supply to one or more Firm.

05. Payment shall be made against bill.

06. In case goods are not according to specification, the cost of returning them shall be borne by the supplier.

07. The goods have to be supplied within 13 days.

08. The period of validity of the rates offered may be specified.

09. The quotations containing uncalled for remarks are likely to rejection.

10. The Firms registered with the Sale Tax Authority should mention Sales Tax Registration No. wherever applicable.

11. The discount/rebate admissible if any, may be quoted.

12. The rate of Sale Tax including surcharge along with concession admissible to Educational Institution maybe specified.

13. Other incidental charges such packing, forwarding Insurance etc.

14. In case of out station supplies the documents be sent through Bank.

15. Please send the printed price list of the manufacturer to verify in the rates quoted by you/authority letter of manufacturer in case you are the authorized dealer of the manufacturer (authority proof) along with your Quotation/Tender otherwise the Quotation/Tender will not be considered and will be rejected for the with.

Chairman of the Department of Medical Office

NIOX VERO®
Nasal Measurement Mode
User Manual
WARNING

Ensure that invasive mode is set for patients that have bypassed airways.

The use of breathing circuits, chambers or other accessories which are not approved by Fisher & Paykel Healthcare may impair performance or compromise safety.

Ensure that both temperature probe sensors are correctly and securely fitted. Failure to do so may result in temperatures in excess of 41 °C being delivered to the patient.

Ensure maintenance of grounding integrity by connecting to a "grounding" receptacle. Always disconnect supply before servicing.

When mounting a humidifier adjacent to a patient ensure that the humidifier is always positioned lower than the patient.

The operation of high frequency surgical apparatus, shortwave or microwave equipment in the vicinity of the humidifier may adversely affect its function. If this occurs, the humidifier should be removed from the vicinity of such devices.

Do not touch the glass tip of the chamber temperature probe during use. Keep black connectors dry at all times.

Check accessories for any physical damage before use and replace if damaged.

CLEANING MR850 Heatersbase Using a damp cloth, clean the humidifier with either of the following: Isopropyl Alcohol or normal dishwashing detergent.

CAUTION: DO NOT immerse the heatersbase or temperature probe electrical connections in any liquid. DO NOT autclave probes.

NOTE: Follow the cleaning agent manufacturers’ instructions carefully. It is the user’s responsibility to qualify any deviations from these procedures, both for disinfecting efficacy and physical effect on the probe and the heatersbase. See the MR850 technical manual for more detailed instructions on cleaning.
SET UP

1. Slide humidification chamber (A) onto humidifier base and connect breathing circuit (B) (refer to humidification chamber and breathing circuit operating instructions for further details).

2. Connect the temperature probe plug (C) (REF 900MR86X) to the blue socket on the humidifier base until an audible click is heard.

3. Push the chamber probe (D) and airway probe (E) into the breathing circuit. Make sure the chamber probe is correctly located in its key-way and that both probes are pushed home. The probe lead can be restrained using breathing circuit clips.

4. Connect the heater wire adaptor plug (F) (REF 900MR88X) to the yellow socket on the humidifier base until an audible click is heard.

5. Connect the other end(s) of the heater wire adaptor to the breathing circuit socket(s) (G) and (H).

6. The humidification system is now set up and ready for use. After power on, the humidifier will default to invasive mode.

ATTENTION: Refer to operating instructions which accompany each accessory.

THE FOLLOWING ACCESSORIES ARE REQUIRED:

- Humidification Chamber (e.g. MR250)
- Breathing Circuit (e.g. RT100)
- Temperature Probe (e.g. 900MR869)
- Heater Wire Adaptor (e.g. 900MR880)
- Mounting Bracket (to suit ventilator)

Choice will depend upon application. Please contact your local Fisher & Paykel Healthcare representative for recommendations.

OPERATION

MUTE
The mute button silences the humidifier's audible alarm for at least two minutes. The muted time depends on the alarm condition and the severity of its cause.

SET-UP INDICATORS

- Chamber & Airway Probes
  Lights if either the chamber probe or the airway probe is not inserted into the breathing circuit correctly.

- Heater Wire
  Lights if the heater wire adaptor or breathing circuit has not been connected, or is damaged.

- Temperature Probe
  Lights if the temperature probe is not correctly plugged into the MR850, or the probe is faulty.

- Water Out
  Lights when there is insufficient water in the chamber. Check water supply. Maximum time to alarm of 20 minutes.

- See Manual
  The humidifier and all accessories should be immediately replaced and sent for servicing.

TEMPERATURE DISPLAY
Displays the saturated gas temperature (the lower of the airway and chamber temperatures in °C) delivered to the patient. This display will normally show the chamber temperature (around 37 ± 0.5 °C for invasive mode, and 31 ± 0.5 °C for noninvasive mode).

By pushing and holding the mute button for one second, the chamber outlet temperature then the airway temperature is displayed. The display will then revert to normal operation.

LOW HUMIDITY ALARM
An audible alarm and flashing temperature display showing 35.5 °C or lower (in invasive mode only). Caused by cold/draughty conditions or very high or low gas flows.

If the circumstances causing the low humidity alarm cannot be changed then the audible alarm acts as a reminder that the patient is receiving inadequate humidity and may require further intervention to maintain airway clearance.

HIGH HUMIDITY ALARM
A flashing temperature display showing 41 °C or higher. The humidifier will discontinue heating of the chamber and circuit until the temperature decreases to within normal limits.

MODE BUTTON
This button switches between invasive and noninvasive mode.

Invasive Mode
This mode is for patients with bypassed airways. The humidifier delivers gas as close to body temperature saturated (37 °C, 44 mg/L) as possible.

Under cold or draughty conditions the chamber temperature may drop as low as 35.5 °C in order to maintain a dry breathing circuit.

WARNING: Ensure that invasive mode is set for patients that have bypassed airways.

Noninvasive Mode
This mode is for patients receiving face mask or headbox therapy, and delivers a comfortable level of humidity.

ON/OFF BUTTON
The humidifier will power ON if this button is held down briefly, but must be held down for one second to turn the humidifier off. The humidifier will always default to invasive mode when it is turned on.

ROUTINE MAINTENANCE
Refer maintenance to qualified service personnel. A full technical description including routine maintenance and service data is contained in the Technical Manual which is available from your supplier or Fisher & Paykel Healthcare (REF 185041340).