



OFFICE OF THE MISSION DIRECTOR
National Health Mission, Assam
Saikia Commercial Complex, Srinagar Path, Christian Basti,
G S Road, Guwahati-781005, Assam

Website : www.nrhmassam.in

e-mail : misnrhm.assam@gmail.com

Ref: NRHM/PROC/HOS-EQP / 1930/2013-14/52672

Date: 27/02/2014

SUB: DETAILS OF AMENDMENTS TO TENDER NO: NRHM/PROC/HOS-EQP/1930/2013-14/39260 Date 23/12/2013 FOR SUPPLY OF HOSPITAL FURNITURE, FIXTURES, EQUIPMENTS & INSTRUMENTS (CORRIGENDUM 3)

A few terms & conditions incorporated in the Tender and in subsequent Corrigendums have been further amended as per details hereunder. All other terms and conditions of the tender shall, however, remain unchanged.

(1) CLAUSE 1 (LAST DATE FOR RECEIPT OF TENDERS) IS AMENDED TO READ AS FOLLOWS

Sealed Tenders in two separate covers {Technical bid (Cover "A") and Price Bid (Cover "B")} will be received up to 11-03-2014 till 2 PM by the Mission Director, National Health Mission, Saikia Commercial Complex, Srinagar Path, Christianbasti, G S Road, Guwahati-781005, Assam

(2) SUB CLAUSES C & E UNDER CLAUSE 4 (ELIGIBILITY CRITERIA) IS AMENDED TO READ AS FOLLOWS:

C. Manufacturer participating as bidder or manufacturer from whom the Hospital Furniture & Fixture/Medical Equipments/Instruments would be sourced by the dealer should have the following Average Annual Turnover in the last 3 financial years i.e. 2010-11, 2011-12, 2012-13:

- Not less than Rs 15.00 Crores for Groups A, B, C & D
- Not less than Rs 05.00 Crores for Groups F, G, H & I
- Not less than Rs 01.00 Crores for Groups E

- Not less than Rs 00.50 Crores for Group J

However, for manufacturers of Hollow Wares in any of the Groups, the average Annual Turnover in the last three financial years shall not be less than Rs 0.25

E. Manufacturers of Hospital Equipments/Instruments/Furniture/Fixtures shall have *currently* valid certificates as under:

- Certificate of approval of AERB/BARC for Group A
- US FDA Certificate & European CE Certificate for Group B, Group C & Group D
- US FDA/CE Certificate and ISO 9001:2008 Certificate for Group E
- US FDA/European CE Certificate & ISO 9001:2008 Certificate for Group F
- US FDA/CE Certificate & ISO 9001:2008 Certificate for Group G
- ISO 9001:2008 & ISO 14001:2004 & OHSAS 18001:2007 Certificate for Group H and Group I
- US FDA/CE Certificate & ISO 9001:2008 for Group J

All such certificates should have been held by the manufacturer in the past two years (2012 & 2013) also.

(3) SUB CLAUSES I & K UNDER CLAUSE 6 (TECHNO-COMMERCIAL BID - COVER "A") ARE AMENDED TO READ AS FOLLOWS:

I CE/US FDA, ISO, OHSAS & other Certificates

- Attested/notarized copies of currently valid Certificate of approval of AERB/BARC for Group A ***as well as copies of such certificate of the past two years (2012 & 2013).***
- Attested/notarized copies of currently valid US FDA Certificate & European CE Certificate for Group B, Group C & Group D ***as well as copies of such certificate of the past two years (2012 & 2013).***
- Attested/notarized copies of currently valid US FDA/CE Certificate and ISO 9001:2008 Certificate for Group E ***as well as copies of such certificate of the past two years (2012 & 2013).***
- Attested/notarized copies of currently valid US FDA/European CE Certificate & ISO 9001:2008 Certificate for Group F ***as well as copies of such certificate of the past two years (2012 & 2013).***
- Attested/notarized copies of currently valid US FDA/CE Certificate & ISO 9001:2008 Certificate for Group G ***as well as copies of such certificate of the past two years (2012 & 2013).***
- Attested/notarized copies of currently valid ISO 9001:2008 & ISO 14001:2004 & OHSAS 18001:2007 Certificate for Group H and Group I ***as well as copies of***

such certificate of the past two years (2012 & 2013).

- Attested/notarized copies of currently valid US FDA/CE Certificate & ISO 9001:2008 for Group J *as well as copies of such certificate of the past two years (2012 & 2013).*

K Execution of similar contracts (By bidder)

Details of supplies (Hospital Furniture & Fixtures/Equipments & Instruments) made during the last 3 financial years with summary of Purchase Orders and Performance Certificates issued by clients in the specified format (Refer **Annexure IV**). Items supplied to Govt. institutions and to programs sponsored by WHO, UNICEF etc., if any, during the last 3 years should be highlighted. Attested/notarized copies of orders/contracts for similar items including one single order of value at least Rs 50.00 Lakhs executed for a Government Organization during the last 3 years should be submitted.

The paragraph following "Check list of documents" shall read as under:

The above documents should be sealed in a separate cover super scribed as "**TECHNICAL BID, COVER "A" (TENDER FOR SUPPLY OF HOSPITAL FURNITURE, EQUIPMENTS ETC DUE ON 11/03/2014)**" and addressed to the Mission Director, National Health Mission, Assam. Saikia Commercial Complex, Srinagar Path, Christian Basti, G S Road, Guwahati-781005

(4) SUB CLAUSE E UNDER CLAUSE 7 (PRICE BID - COVER "B") IS AMENDED TO READ AS FOLLOWS:

E Unit Size/ Rate

The rate quoted in Annexure XII (A-Rev 1), Annexure XII (B-Rev 1), Annexure XII (C-Rev 1), Annexure XII (D-Rev 1), Annexure XII (E-Rev 1), Annexure XII (F-Rev 1), Annexure XII (G-Rev 1), Annexure XII (H-Rev 1), Annexure XII (H-Rev 1) and Annexure XII (J-Rev 1), should be for a unit and given specification. The Bidder is not permitted to change / alter specification or unit size given in the Annexures.

The above documents should be sealed in a separate cover superscribed as "**PRICE BID, COVER "B" (TENDER FOR SUPPLY OF HOSPITAL FURNITURE, EQUIPMENTS ETC DUE ON 11/03/2014)**" and addressed to the Mission Director, National Health Mission, Assam. Saikia Commercial Complex, Srinagar Path, Christian Basti, G S Road, Guwahati-781005

The two separately sealed covers {Technical bid (Cover "A") and Price Bid (Cover "B")} shall be placed together inside another cover which shall be sealed and superscribed as "TENDER

FOR SUPPLY OF HOSPITAL FURNITURE, EQUIPMENTS ETC DUE ON 11/03/2014" and addressed to the Mission Director, National Health Mission, Assam. Saikia Commercial Complex, Srinagar, G S Road, Guwahati-781005

(5) **SPECIFICATION OF VENTILATOR (PEDIATRIC & ADULT) DESCRIBED UNDER ANNEXURE XIII (C-REV 1) IS AMENDED TO READ AS FOLLOWS:**

Ventilator (Pediatric & Adult):

Description of Function

ICU ventilators should provide artificial respiratory support to the critical patients in all the types of Intensive Care Units with altitude compensation for volume and BTPS correction for monitoring.

Operational Requirements

It should be microprocessor Controlled ventilator with integrate facility for Ventilation monitoring suitable for Pediatric & adult ventilation.

The unit should be compressor based for precise gas delivery (a turbine / piston/ blower based internal compressor)

Technical Specifications

- Hinged arm holder for holding the circuit
- Should have Colored Touch screen, 10 Inch or more
- It should have inbuilt facility to measure and display for all patient category (Pediatric & Adult)
- 3 waves- Pressure and Time, Volume and Time and Flow and Time., Co2 and Time
- 2 loops- P-V, F-V with facility of saving of 4 Loops for reference. Also facility to display volumetric capnography loops.
- Graphic display to have scaling facility for waves, Status indicator for Ventilator mode, Battery life, patient data, alarm settings, clock etc.
- Simultaneous display of SET and exhaled parameter , 3 waveform and 2 loops and Alarm
- Should have Trending facility for 24 hours or better
- Should have Automatic compliance & Leakage compensation.
- ETCO₂ to be quoted as optional accessories as per available specification.

- Should have following settings for pediatric & adult age groups.
 - a) Delivered Tidal Volume min 20 ml to 1800 ml in volume mode or pressure mode.
 - b) Pressure (insp) 2- 90 cmH₂O
 - c) Pressure Ramp/ Flow patterns
 - d) Respiratory Rate 2 to 80 bpm or better, Insp. Time 0.3 /better to 9 sec, I : E Ratio 5:1 to 1:5
 - e) Insp. Flow (resultant) up to 180 LPM,
 - f) CPAP/PEEP 0-45 cmH₂O

- g) Pressure support 2-80 cmh2O
- h) FIO2 21 to 100%
- i) Pause Time 0 to 2 sec
- j) Flow Trigger 0.2 to 12 lpm or Pressure Trigger 0.5 to 15 cmH2O
- k) Expiratory trigger or exhalation sensitivity - 5-75-% of flow

➤ Should have ,monitoring of the following parameters

- a) Airway Pressure (Peak & Mean)
- b) Tidal volume (Inspired & Expired)
- c) Minute volume (Expired)
- d) Spontaneous Minute Volume
- e) Total Frequency
- f) FIO2 dynamic
- g) Intrinsic PEEP and PEEPi Volume (or trapped Volume)
- h) Plateau Pressure
- i) Resistance (R_{insp}&R_{exp})& Compliance (C_{dyn}&C_{stat})
- j) Use selector Alarms for all measured & monitored parameters

➤ Should have following modes of ventilation

- a) Volume controlled
- b) Pressure Controlled
- c) Pressure Support
- d) SIMV (Pressure Control and volume control) with pressure support
- e) CPAP/PEEP, PSV + assured tidal volume / guarantee / volume support
- f) Advanced mode like pressure controlled volume guaranteed / PRVC / AUTOFLOW
- g) Non Invasive ventilation (NIV Mode)

h) APRV

- Should have Apnea /backup ventilation or better
- Expiratory block should be autoclavable and no routine calibration required
- Should have monitoring of the following parameters
 - a. Intrinsic Peep & Intrinsic PEEP Volume (Trapped Volume)
 - b. Occlusion Pressure(P_{O.1}) , Max Inspiratory pressure (P_i max)
 - c. Non-forced Slow Vital Capacity / physiologic Dead space/ RSBI/ Imposed work of Breathing (WOB_i)/ Expiratory Time constant (T_{cexp})

d. should have leak compensation facility

- Should have integrated Nebulizer with capability to deliver fine particle size of to be used in line or On line
- Should have Ideal Body Weight facility
- Should integrated Battery backup for minimum 1 hour for main unit as well as for the compressor
- RS 323C interface for communications with networked devices.
- **System Configuration Accessories, spares and consumables**

ICU Ventilator with trolley - 01

Humidifier -Servo controlled fisher and Paykel MR 850/MR810 with digital monitoring of inspired gas temperature -01.

All other standard accessories and consumables should be provided free of cost within the warranty and CAMC period.

➤ **Inlet requirement**

Power input to be 220-240VAC, 50Hz

Gas input(air and oxygen) - 50-100 psi

The machine and compressor (turbine/piston/blower based internal compressor) should be USFDA and European CE Certified.

Warranty for 2yrs

(6) **SPECIFICATION OF ELECTRICENTRIFUGE DESCRIBED UNDER ANNEXURE XIII (E-REV 1) IS AMENDED TO READ AS FOLLOWS:**

Electricentrifuge, table top :-Analog/Digital type

- The centrifuge should be suitable for medical & institution Lab
- The equipment is to be provided with speed regulator
- Digital timer with a range of 0-59 minutes and easy lid locking switch etc
- General Purpose Laboratory Centrifuge
- Speed Range,3500-5300rpm
- Rotor Head of 16 tubeX15ml=240ml capacity

Warranty for 2yrs

Sd/-
(Manish Thakur, I.A.S)
Mission Director, NHM, Assam