



**RAJASTHAN MEDICAL SERVICES CORPORATION LTD.**

D- Block, SwasthyaBhawan, TilakMarg, C-Scheme JAIPUR (Raj)



Ph. No. 0141-2223887, Fax No. 0141-2228065 CIN: U24232RJ2011SGC035067 E-Mail -[edepmrmc-rj@nic.in](mailto:edepmrmc-rj@nic.in)

No. F-8( ) RMSC/EPM/M-1/NIB-644/2021-22/ 1700

Dated: 22/02/2022

**CLARIFICATION/CORRIGENDUM/ADDENDUM**

**Subject: Amendment in technical specification and Bid security detail of bid document of item 1. Bubble CPAP(Continuous Positive Airway Pressure) with Compressor 2. Humidifier, under No. F-8( ) RMSC/EPM/M-1/NIB-644/2021-22/1337 date: 22.11.2021**

**(A) Revised Technical Specification of Bubble CPAP (Continuous Positive Airway Pressure) with compressor-**

1. Function:  
Continuous Positive Airway Pressure (CPAP) system to treat premature / new born babies with respiratory distress. Non-invasive method of delivering CPAP. Flow of Air and blender offering precise gas blending of flow 0~15 lpm.
2. Operational Requirements:  
CPAP generator where PEEP should be set by water column which can be adjusted externally. The device should include a heated humidifier, patient circuit, air / oxygen blender and patient interface of various sizes.
3. Humidifier:
  1. Should be Servo Controlled
  2. Display of Airway Temperature.
  3. Should have heater wire adapter, Airway Temperature probe.
  4. Have variable temperature depending on requirement.
  5. Audio/visual alarms present on screen.
4. Humidifier chamber: Should be supplied disposable type auto feed valve mechanism for constant compressible volume to maintain CPAP pressure.
5. Patient Circuit and accessories:
  1. Should be supplied with reusable heater wire breathing circuit and, infant Bonnets. Each Circuit must have disposable Nasal Prongs, Headgear.
  2. Pressure limiting valve (10 CM H<sub>2</sub>O) to prevent damage from occlusions.
  3. PEEP generator with easy direct setting with CPAP from 0~12 CM H<sub>2</sub>O.
6. Compressor and Stand:
  1. Medical Grade Compressor having low noise level and low vibration on sturdy lockable wheels.
  2. Should have pressure gauge, electronic dryer and pressure regulator.
  3. Noise level of compressor should be ≤55dB. Related certificate for quoted model from NABL accredited laboratory shall submit along with technical bid.
7. Air Oxygen Blender:  
Blender should provide precise mixing of air and oxygen with adjustable knob for FiO<sub>2</sub> from 21 to 100 %.
  1. **Outlets - Outlet 0-15 lpm (supply pressure at 50 PSI )**
  2. **Additional Outlet 0-3.5 lpm. (supply pressure at 50 PSI)**
  3. Operating temperature range 15 to 25 degree Celsius



4. FiO<sub>2</sub> accuracy : 2~ 3% of full scale
8. Safety:
  1. **The blender, humidifier should be European CE (By Notified Body)/US FDA approved and for the Compressor, manufacturer should have ISO 13485. (Valid certificate should be submitted in technical bid)**  
**Or**  
**The entire equipment (Bubble CPAP Machine) should be European CE (By notified Body)/ USFDA approved (Valid certificate should be submitted in technical bid).**
  2. Recommended ambient temperature range 15 to 35 degrees Celsius.
  3. Power Supply 230 volts, Supply frequency 50 or 60 Hz.
9. Scope of Supply to include with EACH machine:
  1. It should be supplied with Air and oxygen hose kit and pole mounting clamp - 1
  2. Noise free Compressor on wheels - 1
  3. Patient Support Arm - 1
  4. Servo Controlled Humidifier - 1
  5. One set of disposable chamber with heater wire - 5
  6. Patient interface one set - 5
  7. Disposable Head band 3 sizes from 0.5 kg to 4kg - 5set
  8. Disposable Nasal Prongs 5 sizes from 0.5 kg to 4kg - 10set
10. Guarantee three years on complete unit including compressor, Blender and Humidifier after installation.
11. CMC: CMC will be given @ 5 % plus GST (as applicable) and yearly escalation of 5 % on last year's CMC price. The CMC may be awarded for five years (on yearly basis) after completion of Guarantee period of three years.
12. Four preventive maintenance services are essential annually during guarantee and CMC period.
13. Installation will be done by the firm free of cost.
14. Service Network of Firm in Rajasthan is essential.
15. Demonstration of the Equipment may be taken if needed for final technical approval.
16. The company should submit technical compliance sheet along with make / model of the quoted item along with catalogue in technical bid.

**Revised Technical Specification of Humidifier-**

1. Should be Servo Controlled
2. Display of Airway Temperature.
3. Should have heater wire adapter, Airway Temperature probe.
4. Have variable temperature depending on requirement.
5. Audio/visual alarms present on screen.
6. **Humidifier should be European CE (By Notified Body)/ USFDA approved (Valid certificate should be submitted in technical bid).**



**(B) Revised bid security detail:-**

S N	Description of Goods under Procurement	Indicative Quantity (In Nos.)	Bid Value (In Rs.)	Minimum average Gross annual turnover for last three financial years (In Rs.)	Minimum average gross annual turnover for last three financial years for (MSMEs of Rajasthan) (In Rs.)	Bid Security (In Rs.)	Bid Security for MSME Units of Rajasthan (In Rs.)
1	Bubble CPAP(Continuous Positive Airway Pressure) with Compressor	300	600.00 Lac	300.00 Lac	150.00 Lac	1200000.00	300000.00
2	Humidifier	300	140.00 Lac	84.00 Lac	42.00 Lac	280000.00	70000.00

**Note 1:-** BF-3 Bid security Declaration Affidavit not applicable from 01-01-2022

**Note 2:-** Please note that all above amendments/corrigendum in technical specifications/bid conditions is the integral part of (Section-VIII) and the bid document. This corrigendum/ addendum should be signed and annexed with bid document. All other terms & conditions remains the same.

*(Signature)*  
21/2/22

**Executive Director (EPM)  
RMSCL, Jaipur**