Notice Inviting e-Tender

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SUPPLY OF NEONATAL CARE EQUIPMENTS FOR FACILITY BASED NEWBORN CARE (FBNC) UNITS IN THE HOSPITALS AND MEDICAL COLLEGES OF THE GOVERNMENT OF WEST BENGAL.

(Submission of Bid through *online*)

Bid Reference No.: WBMSCL/NIT- 29/2018	Dated-08.02.2018

3rd call of Bid reference no. WBMSCL/NIT-41/2017, dated: 21.07.2017 of Schedule – I

The following amendments have been made in the tender document,

Amendment – I (Revision of Technical Specification)

The revised technical specifications for the item is given below,

C - PAP machine

Bubble C - PAP System with combined effects of C - PAP and pressure oscillations from the bubbles provides a lung protective, safe and effective method of respiratory support to spontaneously breathing patients, by reducing mechanical ventilation. By its non-invasive technique & application, it avoids the need for intubation.
For better Lung Development by supporting in maintaining FRC, reduce WOB, reduce incidence of CLD & improves non-pulmonary outcomes in neonates & paediatrics.

1. Servo controlled humidifier base with digital temperature display with audio visual alarms for conditions like high & low temperature, humidity & disconnection and / more.
   Provided approved by US FDA and CE. Should also carry a certificate of use from reputed Govt. institution in Neonatology unit.

2. Reusable Humidifier Chamber with constant compressible volume to maintain CPAP pressure, 2 numbers should be the part of the system. Bidder should quote the cost of reusable humidifier chamber separately.
3. User friendly Breathing Circuit with heater wire technology to provide proper humidification, at least 5 reusable sets and at least 20 disposables with each machine. Reusable circuit should contain – a) Heated wire, b) Temperature probe, c) Air way probe d) chamber probe and necessary connector.
4. C - PAP generator with adjustable C - PAP upto 10cm H_2O with generation of bubbles.
5. Safety provision for maximum pressure limiting in case of occlusions.
6. Facility for flow (0.5 – 15) lpm monitoring & port for monitoring FiO_2.
7. Non-invasive Interface should include:
   a) Nasal Tubing to hold the nasal prongs, five numbers should be the part of the system.
   b) Nasal Prongs of silicon in various sizes based on nares diameter & width of septum, system should come with at least 10 numbers for infant with bodyweight < 1 kg, 10 numbers for infant with body weight 1 kg to 1.5 kg, 10 numbers for infant with body weight 1.5 kg to 2.5 kg.
   c) Infant Bonnets / Caps of different sizes to fit on head to hold nasal tubing & prongs, 10 numbers of different sizes should be the part of system.
   d) Infant Nasal Masks of 3 numbers of small sizes, 4 numbers of medium size and 3 numbers of large size.
8. Provision to deliver gas with selectable FiO_2 (21% – 100 %)
9. Unit should be supplied with mobile pole with castors, mounting brackets & IV hook
10. Unit should be supplied with proper demonstration & setup guides
11. Unit should be compliant with International Safety Regulation & Certification
12. Should have one blender with flow meter of (0.5 – 15) lpm.
   e) Should have facility for high flow nasal canula with at least 10 numbers for infant with bodyweight < 1 kg, 10 numbers for infant with body weight 1 kg to 1.5 kg, 10 numbers for infant with body weight 1.5 kg to 2.5 kg.
13. **Note:** Bidders are requested to note that following in the estimated quantity of the high flow nasal canula and canula fixation pad to be procured in staggered manner as an when required by the end user in the coming 5 years.

Sl. No.	Items	Quantity
1.	Nasal canula for < 1 kg infant	600
2.	Nasal canula for 1-1.5 kg infant	600
3.	Nasal canula for 1.5- 2.5 kg infant	600
4.	Canula fixation pad	1500

The Basic price to be quoted would remain unchanged for 5 years for the date of Award of Contract (AOC).

A. Power supply

a) Power input to be (220 – 240) VAC, 50Hz
b) Resettable over current breaker shall be fitted for protection
c) Suitable UPS with maintenance free batteries for minimum 30 minute back-up should be supplied with the system

B. Standards, Safety and Training

a) Should be US FDA and CE ("Conformite Europeene") from European Union notified body having 4 digit identification number approved product.
b) Demonstration of quoted equipment model is a must.
c) Should have local service facility. The service provider should have the necessary equipments recommended by the manufacturer to carry out preventive maintenance test as per guidelines provided in the service / maintenance manual
d) Warranty for 2 years and provision of Comprehensive Maintenance Contract (CMC) for next 5 years
e) Back to back warranty to be taken by the supplier from the principal to supply spares for a minimum period 10 years

C. Documentation

a) Certificate of calibration and inspection from factory
b) List of Equipment available for providing calibration and routine maintenance support as per manufacturer documentation in service / technical manual.
c) User manual in English
d) Service manual in English
e) Log book with instructions for daily, weekly, monthly and quarterly maintenance checklist. The job description of the hospital technician and company service engineer should be clearly spelt out.
f) List of important spare parts and accessories with their part number and costing
g) Compliance Report to be submitted in a tabulated and point wise manner clearly mentioning the page / para number of original catalogue / data sheet. Any point, if not substantiated with authenticated catalogue / manual, will not be considered
h) Must submit user list and performance report within last 5 years from major hospitals.

D. Optional Item:

[Should quote the price in Form 9 (a)]

Medical Air Compressor specifications:

a) Stand alone Medical Air compressor
b) An oil free Medical air compressor
c) Medical Air Compressor should automatically activate in the event of wall air supply loss.
d) Replacement of internal filters should be performed without removing the compressor
e) Should have washable air filter
f) CE ("Conformite Europeene") from European Union notified body having 4 digit identification number approved.