

Bid No. : PUR 15-07-1162

Opening of Bid: 11 September 2015

End User : CCU - MAT

**Project : SUPPLY, TESTING, AND COMMISSIONING OF NETWORKABLE
MULTI-PARAMETER MECHANICAL VENTILATORS FOR NEONATAL
PATIENTS FOR THE UP-PGH CCU-MAT**

ITEM NO.	QTY	UNIT	ITEM DESCRIPTION	APPROVED PER UNIT (PhP)	QUOTATIONS (In figures/In words)(all taxes included)
1	8	unit	<p>Supply, Delivery, Testing and Commissioning of Networkable Multi-Parameter Mechanical Ventilators for Neonatal Patients for the UP-PGH CCU-MAT</p> <p>A. Specifications</p> <ol style="list-style-type: none"> 1. Brand new mechanical ventilators for neonatal patients. Ventilators capable of handling pediatric patients as well are acceptable. 2. The minimum patient weight that the ventilator can handle should be 300 grams. 3. Capable of providing the following invasive ventilation modes: <ol style="list-style-type: none"> a. Controlled Ventilation: <ul style="list-style-type: none"> - Volume Controlled Ventilation (VCV) - Pressure Controlled Ventilation (PCV) b. Supported Ventilation <ul style="list-style-type: none"> - Pressure Support Ventilation or Continuous Positive Airway Pressure (CPAP) c. Combined Ventilation <ul style="list-style-type: none"> - Synchronized intermittent mandatory Ventilation (VC) + (PS) - Synchronized intermittent mandatory Ventilation (PC) + (PS) 4. Capable of non-invasive ventilation 5. Capable of altering flow patterns into a square or decelerating pattern 6. Breathing circuitry must be a dual limb ventilation 7. Range of Tidal Volume includes 4 to 30 ml. 8. Range of respiratory rate at least between 1 to 100 breaths per minute (A/C), 1 to 60 breaths per minute (SIMV) 	1,800,000.00	

(Signature over Printed Name of President/Gen. Manager)

Approved by:


Dean AGNES D. MEJIA, MD
Chairperson *Mejia*

(Name and Address of Company)

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			<p>9. Capable of providing both pressures and flow triggering and sensitivity within the following minimum ranges:</p> <ul style="list-style-type: none"> a. flow triggering: 0.3 to 9 liters per minute. b. Pressure triggering: -0.5 to -10 cm H₂O <p>10. Capable of providing the following minimum range of pressures</p> <ul style="list-style-type: none"> a. PEEP/CPAP/EPAP: 0-45 cm H₂O b. Pressure Support: 0-100 cm H₂O c. Inspiratory pressure: 5-100 cm H₂O with rise time for inspiratory pressure 0-2 seconds <p>11. FiO₂ delivered must be between 21 - 100%</p> <p>12. Must be able to alter any of the following flow parameters:</p> <ul style="list-style-type: none"> a. inspiratory time with ranges from 0.1 to 2 seconds b. Inspiratory flow rates between 6 to 30 LPM <p>13. Must be able to generate waveforms that include all of the following: airway pressure, flow, volume</p> <p>14. Capable of providing loops for monitoring: Paw-V, V-Flow, Flow-Paw loops</p> <p>15. Provide continuous capnography or ETCO₂ measurements from 0-99 mmHg with waveform</p> <p>16. Must be able to provide the following numeric monitoring variables: respiratory frequency (f_{tot}, f_{spont}, f_{mand} 0-200 bpm), inhaled and exhaled tidal volume (0-400 ml, BTPS); minute ventilation (MV, MV spont, MV leak 0-100 l/min); PEEP and auto-PEEP; Mean airway, peak airway and Plateau airway pressures (-20 to +120 cmH₂O); RSBI (Rapid Shallow Breathing Index) (0-9999 l/min), dynamic and static compliance (0.0-300 ml/cmH₂O),</p>		

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			<p>Resistance (0-600 cmH₂O /l/s) WOB (0-100 J/min), NIF (-45 to 0 cmH₂O), PEEPi (0-120 cmH₂O)</p> <p>17. Able to perform the following maneuvers for monitoring:</p> <ul style="list-style-type: none"> a. Inspiratory pause or Inspiratory Hold Maneuver b. Expiratory pause or Expiratory Hold Maneuver or an assessment of negative inspiratory force or Negative inspiratory pressure or a P0.1 max <p>18. Monitoring and trending of events recorded up to 1000 events at least</p> <p>19. Must have leak compensation and tube compensation capability</p> <p>20. Must have apnea back up ventilation</p> <p>21. Must have flow sensing</p> <p>22. Built in nebulizer or nebulizing system</p> <p>23. Must be able to adjust volume of alarm settings</p> <p>24. Built in or back up Compressor</p> <p>25. Able to provide ventilation support during suctioning</p> <p>26. Must be able to use universal breathing circuitry or tubing</p> <p>27. Provision of humidifier and chamber</p> <p>28. Display must be LED of at least 9 inches</p> <p>29. Must be capable of displaying at least 3 waveforms at a time.</p> <p>30. Must provide per ventilator supplied: mobile trolley, 2 pieces air/O₂ hose, 2 pieces air/O₂ gauge, Support arm, 2 pieces Heated humidifier, 2 pieces disposable circuit.</p> <p>31. Must be usable on a 2-prong convenience outlet.</p> <p>32. Capable of power connection: 100 - 240 V, 50/60 Hz.</p> <p>33. Must have number of hours of use indicator.</p>		

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			34. And all equipment must be turn key. Bidder must provide the following consumables (whenever applicable) of at least 3 per ventilator. a. humidifier base w/chamber b. flow sensor oxygen cell inspiratory bacteria filter c. HEPA filter expiratory filter d. exhalation valve assembly e. expiratory flow sensor CO2 sampling line f. neonatal test bag g. test hose h. test lung i. oxygen hose assembly j. air hose assembly 35. Other needed accessories for each operation		
			TOTAL APPROVED BUDGET FOR THE CONTRACT	14,400,000.00	

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 Dean AGNES D. MEJIA, MD
 Chairperson

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TERMS & CONDITION

1. Indicate brand, model and country of origin.
2. Notarized certificate that the product is brand new and not reconditioned/refurbished including parts and accessories.
3. Delivery and installation should be done within ninety (90) calendar days commencing on the 3rd working day of notification through confirmed fax that the approved Purchase Order / Contract is already available for pick up.
4. Warranty with preventive maintenance should be five (5) years and five (5) years on parts.
5. Warranty period shall commence from the date of acceptance by the end-user.
6. Provide regular free quarterly preventive maintenance and calibration during the warranty service.
7. Provide a certification issued by the CCU - MAT Head after the item/unit has been demonstrated and/or site visited/inspected and evaluated by the specific end-user heads.
8. The site visit/demo should be exact machine model to be offered and the end-user's evaluation must be done prior to the opening of the bids.
9. A notarized certification from the manufacturer that the bidder is an authorized distributor of the equipment.
10. Certification from the manufacturer and local distributor that in the event of a change of local distributor, preventive maintenance, warranty and services agreed here upon will be honored by the principal manufacturer.
11. Certification that the local distributor and the manufacturer have been in business relationship of providing the said ventilators for at least 5 years.
12. Notarized certification accompanied with proof that the bidder is in the business of supplying the unit/item for the last ten (10) years.
13. Guarantee letter or certificate from manufacturer and local distributor to ensure the availability of parts supplies and accessories and will not be discontinued for the next 10 years.
14. Provide separate quotation for maintenance, repair and replacement of parts after warranty.
15. Bidder must provide costing of all accessories that are consumed on a per patient basis.
16. Notarized certification of good track records at least ten (10) years from government and/or private hospitals within Metro Manila or the Philippines.
17. Must provide a soft copy (compatible with UPM-PGH Operating system) in CD and Hard copy of the technical specifications.
18. Provide operator's & service's manual upon delivery in the English Language.
19. The winning bidder must provide training for end users (PGH nurses and PGH physicians) on site every 6 months for the duration of the warranty period. A notarized certificate must be provided.
20. The bidder must submit certification that they have a capability for corrective and preventive maintenance of the unit.
22. Availability of trained service engineers 24/7 with guaranteed uptime within 48 hours; must provide engineers training certificate.
23. Must guarantee that diagnostic technician to be able to assess the unit within 24 hours of notification.

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24. Automatic provision of a functioning service unit (same model) in case repair of more than 3 days / pull out of the purchased unit during the warranty period.
25. The winning bidder will be responsible of all fees for performance testing, delivery, and installation commissioning the unit.
26. Installation and provision of fifteen (15) free adaptors that is compatible with three service areas.
27. All certification required in the terms and condition shall be included/submitted in the envelope 1 (Technical Component).
28. It is understood that all taxes and other impositions are included in the bid offer. However, the bidder concerned shall be liable for additional or other taxes and duties which may be imposed by the government during the effectivity of the contract.
29. The bidder is required to submit single bid for the item. Two or more bids offer is automatically disqualified.
30. Compliance with Republic Act. No. 9184 and other applicable laws.

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