

Project Ref. N : **PUR16-08-1298 & PUR16-08-1299**
 End-User : **DEPARTMENT OF ANESTHESIOLOGY, PGH**
 Project : **SUPPLY, DELIVERY, TESTING AND COMMISSIONING OF ANESTHESIA MACHINE WITH VENTILATOR AND COMPLETE MULTI-PARAMETER PATIENT MONITOR WITH CABLES, PROBES AND SENSORS**

Opening of Bid: **10 November 2016**

ITEM NO.	QTY	UNIT	ITEM DESCRIPTION	APPROVED BUDGET FOR THE CONTRACT PER UNIT (PhP)	QUOTATIONS (all taxes included)	
					(in figures)	(in words)
1	10	set	<p>SUPPLY, DELIVERY, TESTING AND COMMISSIONING OF ANESTHESIA MACHINE WITH VENTILATOR AND COMPLETE MULTI-PARAMETER PATIENT MONITOR WITH CABLES, PROBES AND SENSORS</p> <p>Brand new, not reconditioned, including its Parts & Accessories</p> <p><i>(3 units for PUR16-08-1298; 7 units for PUR16-08-1299)</i></p> <p>Specifications/Features:</p> <ol style="list-style-type: none"> 1. Three (3) gas system (O₂, medical air, N₂O) 2. Dual flow tubes (Macro and Micro) for each gas. Minimal oxygen flow for micro must be 50ml or below. 3. With separate auxiliary outlet of oxygen with own flow meter for nasal cannula/face mask use 4. Auxiliary common gas outlet for NRBS 5. Can provide nominal 23% concentration of oxygen in O₂/N₂O mixture (hypoxia guard proportioning system) 6. At least two (2) Vaporizer Mount (optional: Selectatic isoflurane and sevoflurane vaporizers) 7. Standard pin index yoke for gase (for oxygen only) May have yoke for N₂O also 8. Reusable breathing circuit natural latex free and autoclavable settings prescribed by manufacturer. 9. Breathing system fully integrated in the work station 10. Must have a heater power module for breathing system 11. Must have a fresh gas decoupling, PEEP and pressure limitation capability. 12. One step bag-vent switch turns ventilator on/off 13. Adjustable pressure limiting valve with tactile indicator 14. Circuit volume capable of low flow anesthesia 15. Easy to remove/no tools needed for assembly/disassemble of breathing system 16. Quick-change CO₂ absorber with water tap 17. Active or passive gas scavenging system 18. Gas pressure gauges (pipeline & cylinder) 19. Oxygen flush valve 20. Re-usable breathing circuit corrugate tubings must have universal adaptors/coupling. 21. High-pressure tubings for pipeline gases: machine side-DISS adapter/connector/coupling: gas pipeline outlet side connectors/adaptor/connector: Medstar/OxeguiTM type 	2,450,000.00		

Approved by:

Dean MONET M. LOQUIAS, RPh, PhD
 Chairperson

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

 (Name & Address of Company)

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			22. Medical grade Electrical outlets with circuit breaker in anesthesia machine base unit 23. Anesthesia machine Base Unit - standard for equipment mode (trolley, drawers, mounts, electricals, pneumatics) Anesthesia Machine Ventilator Specifications: 1. Electronically controlled (with alarms and alarm management) and pneumatically-driven ventilation 2. Operating modes: a. Volume controlled ventilation b. Pressure controlled ventilation c. Pressure support d. Synchronized intermittent mandatory ventilation e. Manual ventilation f. Spontaneous breathing 3. Monitored parameters a. Expired volume b. Expired flow c. Respiratory rate d. Airway pressure with pressure waveform display e. Allows alarm management 4. Control input ranges a. Breathing Frequency (rate) 4 to 60 bpm (1/min) b. Positive End Expiratory Pressure (PEEP) 0 to 20 cmH ₂ O c. Inspiration/expiration ratio (Ti:Te) 4:1 to 1:4 d. Pressure limiting (Pmax) 15 to 70 cmH ₂ O (hPa) e. Tidal Volume (Vt) to 1400 ml in Volume Control f. Compliance compensation on delivered TV 5. Other requirements a. Allows direct access to ventilator parameters Complete Multi-Parameter Patient Monitor Specifications 1. Must be able to monitor the following basic parameters: a. 5-lead ECG (with ST and arrhythmnia analysis, ESU cable; lead wire set-grabber/squeeze/alligator clip or snap style) b. SpO ₂ (reusable probes/sensors: 1 adult, 1 pedia, and 1 neonate)			

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			<p>c. NIBP (mandatory cuff sizes: adult, pediatric/small child, and neonate; optional cuff sizes: large adult/obese, small adult, big child, and thigh)</p> <p>d. Temperature (2 reusable core/intracavitary cable-probes- for pedia and adult)</p> <p>e. Respiration</p> <p>2. Must be able to monitor the following advance parameters:</p> <p>a. IBP (at least 2 channels and 3 cables/machine Utah System transducer compatible)</p> <p>b. Multi-gas analyzer - sidestream sampling also validated for pediatric use: CO₂, O₂, N₂O, volatiles (soflurane, sevoflurane, desflurane, enflurance, halothane):</p> <p>3. Other required Parameters:</p> <p>a. Neuromuscular Transmission (with adult and pediatric mechanosensors for blockade monitoring modes: single switch, TOF, DBS tetanus PTC; nerve localization mode with electro sensor optional)</p> <p>b. Must have continuous non-invasive arteria pressure monitoring system</p> <p><u>Other Accessories / Items / Features:</u></p> <p>1. Auto volts (100-240v)</p> <p>2. Back-up rechargeable battery for at least two (2) hours</p> <p>3. Resistant to AC and high frequency electrosurgical</p> <p>4. Capable of displaying all parameter information (waveform & numeric values) with high capacity data storage for review</p> <p>5. With visual and audible (at least 3-level) alarms that can be set by the user</p> <p>6. Control via rotary knob and or touchscreen (option)</p> <p>7. At least 10" (diagonal) high-resolution TFT LCD Color Display, 6-8 channels</p> <p>8. With 1/0 ports for wired/wireless networking/telemetry, USB-based monitor software upgrading, data recording.</p> <p>9. Monitors, Network-ready (wired/wireless) with ESU cables, reusable probes/sensors (preferred); initial supply of consumables provided (quotation & local suppliers for consumables included)</p>			
TOTAL APPROVED BUDGET FOR THE CONTRACT				24,500,000.00		

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Chairperson

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(Name & Address of Company)

University of the Philippines Manila

The Health Sciences Center

SPECIAL BIDS & AWARDS COMMITTEE - DOH FUNDED

Project Ref. N : **PUR16-08-1298 & PUR16-08-1299**
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MACHINE WITH VENTILATOR AND COMPLETE MULTI-PARAMETER
PATIENT MONITOR WITH CABLES, PROBES AND SENSORS**

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TERMS & CONDITIONS:

1. Indicate brand, model and country of origin.
2. Notarized certificate that the product is brand new not reconditioned/rebuilt including parts and accessories.
3. Delivery, testing and commissioning 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. The system must be delivered ready to use. Cables, connectors, adapters and accessories not specified but are essential for the unit to function must be provided free by the winning bidder
5. Certification from at least three (3) government and/or private hospitals within Metro Manila or the Philippines that they have been supplied the same brand being offered.
6. Undertaking to provide product orientation and operations training for end-user and troubleshooting training for biomedical engineers.
7. Warranty and preventive maintenance should be three (3) years and one (1) year on parts.
8. Warranty period shall commence from the date of acceptance by the end-user, testing and commissioning.
9. Provide regular quarterly preventive maintenance and calibration during the warranty period.
10. Provide a certification issued by the end-user after the item/unit has been demonstrated and/or site visited/inspected and evaluated by specific end-user heads and to include brand and model. 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 bids.
- 11. Notarized certification from the manufacturer that the bidder is an authorized distributor of the equipment.**
- 12. Notarized 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.**
- 13. Notarized certification that the local distributor and the manufacturer have been in business relationship of providing that said equipment for at least five (5) years.**
14. Notarized certification accompanied with proof that the bidder is in the business of supplying the unit/item for the last five (5) years.
15. Guarantee letter or certificate from the manufacturer and local distributor to ensure the availability of parts, supplies and accessories and will not be discontinued for the next five (5) years.
16. Provide separate quotation for maintenance, repair and replacement of parts after warranty period.
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 manual in English Language upon delivery.
19. The bidder must submit certification that they have a capability for corrective and preventive maintenance of the unit.
20. Must guarantee that diagnostic technician will be able to assess the unit within 24 hours notification
21. Automatic provision of a functioning service unit (the same model or higher) in case repair of more than three (3) days / pull out of the purchased unit during the warranty period.
22. The winning bidder will be responsible of all fees for performance testing, delivery, installation and commissioning the unit.
- 23. The bidder guarantees that the bid offer is the lowest in the market.**
- 24. The bidder is required to submit single bid for the item. Two or more bids offer is automatically disqualified.**

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