

### Republic of the Philippines Department of Health

## METRO MANILA CENTER FOR HEALTH DEVELOPMENT

### SUPPLEMENTAL/BID BULLETIN NO. 1

### IB NO. 2023-068E PROCUREMENT OF 3 UNITS MECHANICAL VENTILATOR

This Supplemental/Bid Bulletin No. 1 is being issued to revise provisions/specifications in the Bidding Documents for a fore cited project:

Revision and clarification to provisions/specifications in the Bidding Documents:			
ORIGINALTECHNICAL SPECIFICATIONS	AMENDED		
>Integrated help texts and online short Instruction for important ventilation functions	>Integrated help texts and online short Instruction for important ventilation functions – <b>RETAIN</b>		
Requirements if awarded the Contract	Requirements if awarded the Contract		
1. <b>Completion Period:</b> The delivery, installation, testing and commissioning of the equipment and its accessories, including the training of end-users and maintenance staff must be completed with <b>60</b> calendar days upon receipt of Notice to Proceed.	1. <b>Completion Period:</b> The delivery, installation, testing and commissioning of the equipment and its accessories, including the training of end-users and maintenance staff must be completed with <b>60-90</b> calendar days upon receipt of Notice to Proceed.		

Bidders are advised to use the following attached forms and submit together with all required documents for the submission of bids on June 15, 2023, 10:00 AM

This Supplemental/Bid Bulletin No. 1 shall form part of the Bidding Documents. Any provisions in the Bidding Documents inconsistent herewith is hereby amended, modified and superseded accordingly.

For guidance and information of all concerned.

Issued this 9<sup>th</sup> day of June, 2023 in MMCHD.

Approved by:

SGD.

PRETCHELL P. TOLENTINO, MD, MCHM

Director III / BAC Chairperson

### Section VII. Technical Specifications

# Republic of the Philippines Department of Health Metro Manila Center for Health Development **TECHNICAL SPECIFICATIONS** Item No. 1 MECHANICAL VENTILATOR Qty./Unit 3 Units Name of Manufacturer: Country of Origin Brand: Model: (if applicable) ABC 9,000,000.00 PURCHASER'S SPECIFICATION STATEMENT OF COMPLIANCE **Technical Specifications:** General • Display: at least 15" touch screen display with glass front • Screen with automatic day and night mode at configured time • Screen configurations can be transferred to different ventilators through USB • Has record of all user actions, alarms and calibration of at least 5,000 entries. • Integrated help texts and online short Instruction for important ventilation functions - help text "(i)" has one button shortcut for each topic • Data download via USB functionality without additional software • Has built with nebulizer with synchronized gas delivery to inspiratory flow • Manual inspiration and expiration hold functionality

• Has Built-in continuous high flow oxygen application within the device

- Has automatic calibration of pressure and flow sensor possible during ventilation
- Consumption free paramagnetic O2 cell
  - Paramagnetic 02 cell replacement not required unless specified
- Has a fault cause remedy function with clear text display integrated in the device for all alarms
- Power Supply: 220V, 50/60Hz
- Dimension: Manufacturer's Standard

### **Ventilation Modes**

- Non-invasive ventilation for all ventilation modes
  - Maximum leakage compensation of 180 L/min or higher
- Automatic continuous adjustment of the inspiratory trigger and termination criteria according to leak
  - Automatic flow reduction during disconnection configurable
- Sigh function with adjustable intermittent PEEP and adjustable duration of the sigh phases
- Volume controlled ventilation:
  - SIMV, SIMV with pressure support(PS)
  - VCV with a minimum amount of mandatory minute volume
  - Automatically reduce RR during weaning mode
- Pressure controlled ventilation:
- CPAP with pressure
- Automatic flow adjustment and ventilation pressure adjustment to the smallest possible value
- Apnea ventilation with configurable automatic return

### **Compliance to Standards**

- IEC 60601-1 for Electrical Safety, Mechanical Safety, and Software
- IEC 60601-1-2 for Electronic Medical Equipment Standards
- IEC 60601-1-8 for Alarm system standard
- ISO 80601-2-12 for Priority of battery for alarms
- ISO 10524 for pressure reducers
- IEC 62353 for electrical safety

#### Accessories

- Trolley
- Nebulizer
- System cable 0.7m

- 1 pc Power adaptor
- 1 unit Air Regulator
- 1 pc Air fitings
- 3m Air Hose
- 3m O2 Hose
- 1 unit Oxygen Regulator with O2 fittings
- 4 pcs chrome ferrules
- 1 pc each : Pediatric, Neonatal, and Adult tubing
- 1 unit Humidifier with adult chamber
- 1 unit pediatric chamber
- 1 unit Hinged Arm

Requirements if awarded the Contract

- 1. **Completion Period:** The delivery, installation, testing and commissioning of the equipment and its accessories, including the training of end-users and maintenance staff must be completed with 60-90 calendar days upon receipt of Notice to Proceed.
- 2. **Testing:** Prior to acceptance, the end user shall conduct a physical inspection and functionality test. The equipment must be functioning and must have no physical damage and defect.
- 3. **Training:** The supplier shall provide a training on the proper use and maintenance of the equipment to the end-users and to the hospital maintenance staff within 3 days upon the delivery of the equipment.
- 4. **Warranty:** Warranty certificate for two (2) years on parts and service. The supplier shall either repair or replace any item or part in the equipment that is found to be defective in material or in workmanship under normal use. The warranty period shall commence from the date of acceptance by the end-user after testing and commissioning.
- 5. Notarized undertaking that the supplier shall conduct the necessary corrective maintenance within five (5) calendar days upon notification of the equipment breakdown from the end-user. The undertaking shall include a statement that the number of days where the equipment is unusable due to defective material or workmanship, shall be added to the warranty period.
- 6. **Manuals:** The supplier must provide the end-user one (1) hard and one (1) soft copy of the following:
  - a) Service manual in English language
  - b) Operation manual in English language
- 7. With "DOH-MMCHD HFEP" (Government Property not for sale) sticker in each unit

Source of Fund: SAA 2023-02-000687 (HFEP 2023)

Recipients:

Caloocan City Medical Center – 2 units	
Ospital ng Muntinlupa – 1 unit	

## Section VI. Schedule of Requirements

The delivery schedule expressed as weeks/months stipulates hereafter a delivery date which is the date of delivery to the project site.

Description	Quantity	Delivery Site	Delivery Period
MECHANICAL VENTILATOR	3 Units	Health facilities in	60-90 calendar
		National capital	days upon receipt
		Region	of Notice to
			Proceed.

Name of Company:	
Address:	
Signature Over Printed Name:	
Telephone/Fax Number:	
Email:	