

**SUPPLEMENTAL/ BID BULLETIN NO. 1**

**IB2024 – 060E**

**PROCUREMENT OF MECHANICAL VENTILATOR**

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

1. Query during Pre-bidding Conference:		
Technical Specifications	Query	Response of the End User Unit
Display: Touch screen display built with fiberglass monitor protector	Display: Touch screen display built with fiberglass monitor protector – for clarification with end-user	Display: Touch screen display built with fiberglass monitor protector – RETAINED the original specs
With automatic day and night mode at configured time	With automatic day and night mode at configured time or optional - for clarification with end-user	With automatic day and night mode at configured time RETAINED the original specs
Integrated help texts and online short Instruction for imporant ventilation functions	Integrated help texts and online short Instruction for imporant ventilation functions or optional - for clarification with end user	Integrated help texts and online short Instruction for imporant ventilation functions or optional - RETAINED the original specs
Has automatic calibration of pressure and flow sensor possible during ventilation	Has automatic calibration of pressure and flow sensor possible during ventilation or optional - for clarification with end user	Has automatic calibration of pressure and flow sensor possible during ventilation RETAINED the original specs
Maximum leakage compensation of 180 L/min or higher	Maximum leakage compensation of 120 L/min or higher - for clarification with end user	Maximum leakage compensation of 120 L/min or higher - RETAINED the original specs
Iunit Air Regulator	Iunit Air Regulator or turbine – for clarification with end user	Iunit Air Regulator or turbine – RETAINED the original specs
Automatically reduce RR during weaning mode	Automatically reduce RR during weaning mode - for clarification with end user	Automatically reduce RR during weaning mode - RETAINED the original specs

Bidders are advised to use the **following attached forms and submit them together with all required documents for the submission of bids on the 7<sup>th</sup> day of August 2024, 9:00 AM:**

This Supplemental/Bid Bulletin No. 1 shall be integral to the Bidding Documents. All other provisions indicated in the bidding documents not affected by this Supplemental/Bid Bulletin No. 1 shall remain in effect.

For guidance and information of all concerned.

Issued this 31st day of July 2024 in MMCHD

Approved by:

  
**JEREMIAS FRANCIS Y. CHAN, MD**  
 Licensing Officer V / BAC Chairperson



Republic of the Philippines  
**DEPARTMENT OF HEALTH**  
*Metro Manila Center for Health Development*



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With automatic day and night mode at configured time	With automatic day and night mode at configured time or optional - for clarification with end-user	With automatic day and night mode at configured time RETAINED the original specs
Integrated help texts and online short Instruction for important ventilation functions	Integrated help texts and online short Instruction for important ventilation functions or optional - for clarification with end user	Integrated help texts and online short Instruction for important ventilation functions or optional - RETAINED the original specs
Has automatic calibration of pressure and flow sensor possible during ventilation	Has automatic calibration of pressure and flow sensor possible during ventilation or optional - for clarification with end user	Has automatic calibration of pressure and flow sensor possible during ventilation RETAINED the original specs
Maximum leakage compensation of 180 L/min or higher	Maximum leakage compensation of 120 L/min or higher - for clarification with end user	Maximum leakage compensation of 120 L/min or higher - RETAINED the original specs
Unit Air Regulator	Unit Air Regulator or turbine – for clarification with end user	Unit Air Regulator or turbine – RETAINED the original specs
Automatically reduce RR during weaning mode	Automatically reduce RR during weaning mode - for clarification with end user	Automatically reduce RR during weaning mode - RETAINED the original specs

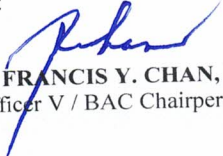
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**TECHNICAL SPECIFICATIONS**

Item No. 1	<b>MECHANICAL VENTILATOR</b>	Qty./Unit	<b>4 UNITS</b>
Name of Manufacturer:		Country of Origin	
Brand:		Model: (if applicable)	
ABC: <b>12,000,000.00</b>			
<b>PURCHASER'S SPECIFICATION</b>		<b>STATEMENT OF COMPLIANCE</b>	
<p>Technical Specifications:</p> <p><b>General</b></p> <ul style="list-style-type: none"> <li>• Display: Touch screen display built with fiberglass monitor protector</li> <li>• With alarm that runs across the front and rear of the monitor</li> <li>• Alarm: color coded alarms depending on the level of priority</li> <li>• With automatic day and night mode at configured time</li> <li>• Screen configurations can be transferred to different ventilators through USB</li> <li>• Has record of all user actions, alarms and calibration of at least 5,000 entries.</li> <li>• Integrated help texts and online short Instruction for imporant ventilation functions             <ul style="list-style-type: none"> <li>- help text (i) has one button shortcut for each topic</li> </ul> </li> <li>• Data download via USB functionality without additional software</li> <li>• Has built with nebulizer with synchronized gas delivery to inspiratory flow</li> <li>• Manual inspiration and expiration hold functionality</li> <li>• Has Built-in continuous high flow oxygen application within the device</li> <li>• Has automatic calibration of pressure and flow sensor possible during ventilation</li> <li>• Consumption free paramagnetic O2 cell             <ul style="list-style-type: none"> <li>- Paramagnetic O2 cell replacement not required unless specified</li> </ul> </li> <li>• Has a fault – cause – remedy function with clear text display integrated in the device for all alarms</li> <li>• Power Supply: 220V, 50/60Hz</li> </ul> <p><b>Ventilation Modes</b></p> <ul style="list-style-type: none"> <li>• Non-invasive ventilation for all ventilation modes             <ul style="list-style-type: none"> <li>- Maximum leakage compensation of 180 L/min or higher</li> <li>- Automatic continuous adjustment of the inspiratory trigger and termination criteria according to leak                 <ul style="list-style-type: none"> <li>- Automatic flow reduction during disconnection configurable</li> <li>- Sigh function with adjustable intermittent PEEP and adjustable duration of the sigh phases</li> </ul> </li> </ul> </li> <li>• Volume controlled ventilation:             <ul style="list-style-type: none"> <li>- SIMV, SIMV with pressure support (PS)</li> <li>- VCV with a minimum amount of mandatory minute volume</li> <li>- Automatically reduce RR during weaning mode</li> </ul> </li> <li>• Pressure controlled ventilation:</li> <li>• CPAP             <ul style="list-style-type: none"> <li>- with pressure support</li> <li>- possibility to turn ON or OFF pressure variability</li> <li>- pressure variability ranges from 0% to 100%</li> </ul> </li> <li>• Automatic flow adjustment and ventilation pressure adjustment to the smallest possible value</li> <li>• Apnea ventilation with configurable automatic return</li> </ul> <p><b>Compliance to Standards</b></p> <ul style="list-style-type: none"> <li>• IEC 60601-1 for Electrical Safety, Mechanical Safety, and Software</li> <li>• IEC 60601-1-2 for Electronic Medical Equipment Standards</li> <li>• IEC 60601-1-8 for Alarm system standard</li> <li>• ISO 80601-2-12 for Priority of battery for alarms</li> <li>• ISO 10524 for pressure reducers</li> <li>• IEC 62353 for electrical safety</li> </ul> <p><b>Accessories</b></p> <ul style="list-style-type: none"> <li>• Trolley</li> <li>• Nebulizer</li> <li>• Power adaptor</li> </ul>			



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- 1 unit Air Regulator
- 1 pc Air fittings
- 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 within **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 delivery of the equipment.

4. **Warranty:**

a) 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 workmanship under normal use. The warranty period shall commence from the date of acceptance by the end-user after testing and commissioning.

b) Preventive maintenance at least every six (6) months or according to the manufacturer's recommendations;

c) Corrective maintenance within five (5) calendar days upon notification from the end-user regarding equipment breakdown/defects.

d) The number of days where the equipment is unusable due to equipment defects/faults shall be added to the warranty period.

e) The supplier shall specify post-warranty comprehensive preventive maintenance costs including list and prices of major spare parts of the equipment for three (3) years after the warranty period.

5. **Notarized** undertaking that the supplier shall conduct the necessary corrective maintenance, replacements and repair 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.

X-X

Source of Fund: SAA 2024-02-001002 (HFEP 2024)

Recipient: Taguig-Pateros District Hospital