



26-1054

PROVINCIAL GOVERNMENT OF DAVAO DE ORO

Cabidanan, Nabunturan, Davao de Oro

TECHNICAL SPECIFICATIONS FORM

Purchase Request Number: 26-1054

Bid Number: B-26-0010
 Date: 03/11/2026
 Page: 1 of 5

ITEM NO.	QTY.	UNIT OF ISSUE	DESCRIPTION	APPROVED BUDGET		BID PRICES	
				Unit Price	Total Amount	Unit Price	Total Amount
1	1.0	UNIT/S	<p>ANESTHESIA MACHINE WITH VENTILATOR AND ACCESSORIES BRAND NEW</p> <p>TECHNICAL SPECIFICATIONS:</p> <p>Inlet Connections:</p> <ul style="list-style-type: none"> • Inlet connector with proper pin-index and color coding compatible with the hospital Operating Room gas supply. • Each inlet connection must have a filter with a pore size of not more than 100 um or equivalent. <p>Gas Supply System:</p> <ul style="list-style-type: none"> • Reserve cylinder yokes for each: NO Medical Air and NO supply. • Pressure gauge and regulator for each: NO Medical Air and NO supply. • One-way valve at the high-pressure side for each: NO Medical Air and NO supply. <p>Flowmeter and Safety Systems:</p> <ul style="list-style-type: none"> • Flowmeter with control valve and anti-hypoxic mechanism for O concentration control. • Flowmeter readings must be in liters per minute (L/min) or equivalent. • NO cut-off system operated by oxygen pressure. • Oxygen flush at 25-50 L/min or equivalent. • Pressure limiting device (pop-off valve) with a maximum pressure limit of 125 cmHO. • Two vaporizer mounts. • One-way valve for the anesthetic gas supply line (common gas outlet valve). • Bag/Ventilator switch selector, clearly marked with "Bag" and "Ventilator." <p>Physical and Power Requirements:</p> <ul style="list-style-type: none"> • Cart with four (4) anti-static, rust-free castors; two (2) must have brakes. • Power supply: 220-240V AC, 60 Hz, three-pronged plug. • Rechargeable backup battery allowing at least 30 minutes of operation. • At least two (2) large drawers for accessory storage. <p>VENTILATOR TECHNICAL SPECIFICATIONS</p>	2,500,000.00	2,500,000.00		
SUB-TOTAL					2,500,000.00		
Purpose: FOR USE OF DAVAO DE ORO PROVINCIAL HOSPITAL - PANTUKAN Delivery: DAVAO DE ORO PROVINCIAL HOSPITAL - PANTUKAN Period of Delivery: 10 DAYS							



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				Unit Price	Total Amount	Unit Price	Total Amount
			<p>Displayed Parameters:</p> <ul style="list-style-type: none"> i. Tidal Volume ii. Minute Volume iii. I:E Ratio iv. Inspiration and Expiration Times v. Spontaneous Minute Volume vi. Respiratory Rate (spontaneous and mechanical) vii. Total Frequency viii. Oxygen Concentration (FiO) <p>Adjustable Settings:</p> <ul style="list-style-type: none"> a. Minute Volume: 2 to 25 L/min or higher b. Tidal Volume: 20 to 1500 mL or higher c. Respiratory Rate: 5 to 70 cycles/min or higher d. I:E Ratio: 2:1 to 1:4 or equivalent <p>Safety Features:</p> <ul style="list-style-type: none"> a. Automatic compliance and leakage b. Compensation for circuit and tubing or equivalent c. Visual and audible alarms for: <ul style="list-style-type: none"> i. High Pressure ii. Low Pressure iii. High Minute Volume iv. Low Minute Volume v. High Rate vi. High Tidal Volume vii. Apnea <p>PATIENT MONITOR (per unit):</p> <ul style="list-style-type: none"> a. Touchscreen, colored, minimum 12-inch LCD or higher b. Six (6) parameters with accessories: ECG, NIBP, SpO, Temperature, Respiration, EtCO (capnograph) c. Eight (8) waveforms or higher d. With alarm indicator, power indicator, QRS beep, and alarm sound e. Built-in thermal printer using locally available thermal paper f. HR display range: 15-300 bpm or equivalent g. RR range: 0-120 rpm or equivalent h. NIBP cuff inflating range: 0-270 mmHg (Auto/Manual mode or equivalent) i. Power supply: 220-240V, 60Hz, three-pronged plug with built-in rechargeable battery (minimum 2-hour operation) <p>ACCESSORIES (per unit):</p>				
GRAND TOTAL					2,500,000.00		
<p>Purpose: FOR USE OF DAVAO DE ORO PROVINCIAL HOSPITAL - PANTUKAN Delivery: DAVAO DE ORO PROVINCIAL HOSPITAL - PANTUKAN Period of Delivery: 10 DAYS</p>							



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			1. Two (2) patient breathing circuits 2. Spare 3-liter and 2-liter breathing bags 3. One (1) extra pack of soda lime 4. Appropriate on-line UPS, minimum 1-hour continuous operation, with AVR (at least 26% higher than the rated value), 220V, 60Hz, servo-motor type, with overcurrent protection 5. Provision of anesthetics: one (1) bottle for each anesthetic agent 6. One (1) piece test lung 7. Active scavenging system 8. Medical regulators for Oxygen, NO, and Medical Air with high pressure TECHNICAL SPECIFATIONS FROM THE BIDDER: 1. Certification of submission of original copy of the Operator/User Manual (English) 2. Certification of submission of original copy of Service/Technical and Maintenance Manual (English) 3. Manual (English) 4. Original brochure/manual from the manufacturer containing all required specifications 5. Bidder must provide a service unit during repair/maintenance within warranty period 6. Copy of Distributorship Agreement between manufacturer and local distributor (bidder) 7. Certification that bidder will provide training for at least two (2) end users and two (2) maintenance staff 8. List of completed similar projects/installations (same brand) with copies of contracts or purchase orders 9. Certification that the bidder shall be responsible for notification, transportation, delivery, installation, and commissioning at no cost to the government 10. Certification that the bid offer is in Philippine Pesos, inclusive of taxes, duties, delivery, installation, and testing on-site 11. Two (2) years warranty for parts and services, commencing after installation, commissioning, and training 12. Free preventive maintenance visits (including check-up, calibration)				
GRAND TOTAL					2,500,000.00		
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			verification, and functionality testing) semi-annually within the warranty period 13. Supplier must have Davao-based engineers/technicians capable of responding within 48 hours. 14. Corrective maintenance must be completed within 14 calendar days after notification. TECHNICAL SPECIFICATIONS FROM THE MANUFACTURER: 1. Service engineer/technician must be 2. Employed by or authorized by the manufacturer. 3. Certification that equipment is brand new, unused, not discontinued, and not subject to product recall. 4. Certification that spare parts will remain available after the warranty period. 5. Certificate of training for engineers/technicians including: >Name of Trainee >Equipment Name/Brand/Model >Inclusive Dates of Training >Name of Trainer, Date, and Venue ANESTHETIC BREATHING SYSTEM: • Anesthetic reservoir bag (breathing bag): 3 L (adult) and 2L (pediatric) • CO absorber canister with soda lime; transparent to enable visualization of absorbent color change ALARMS REQUIRED: • Oxygen supply failure • When high pressure limit is exceeded • Continuous high pressure longer than 15 seconds (or equivalent) • Disconnection in patient breathing circuit • Power supply failure VENTILATOR: The ventilator must be detachable from the anesthesia unit. Components: a.) Bellows with at least 1.5 L capacity b.) LCD or LED display monitor, minimum 10-inch diagonal size or higher, capable of displaying: i. Two of three traces versus time:				
GRAND TOTAL					2,500,000.00		
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			Pressure, Volume, and Flow ii. Two of three two-axis displays: Pressure-Volume, Flow-Volume, and Pressure-Flow iii. Status indicators for ventilator mode, battery life, patient data, alarm settings, and clock iv. Airway pressure (Peak and Mean) v. Automatic Voltage Regulator (AVR) 3,000 watts vi. Uninterruptible Power Supply (UPS) 2.700 watts TERMS AND CONDITIONS: >Warranty: 1 year >The supplier shall ensure continuous after-sales support for the lifetime of the equipment, including services beyond the warranty coverage. >The supplier shall install the equipment at the hospital free of charge to the end user. >The supplier shall provide user training to ensure proper operation and maintenance of the equipment. >The supplier shall supply an English-language user manual for proper operation and maintenance of the equipment. >A duly trained and authorized technician shall be readily available within Region XI to provide technical support and maintenance services. >The supplier shall guarantee a continuous supply of consumables and adhere to existing government procurement laws, rules, and regulations.				
GRAND TOTAL					2,500,000.00		

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