

SIBL Foundation Hospital
70, Green Road Dhaka-1205
Web: www.siblbld.com; email: sibl.hospital@sibl-bd.com
INVITATION FOR TENDER

Procurement of 2 (two) units of ICU Ventilators for SIBL Foundation Hospital.

Tender Ref No. SIBLFH/Admin/39/Proc/Vent/2026/175

Date :04.08.2026

Section A: General Information

1	Name of the Procuring Entity	SIBL Foundation Hospital					
2	Brief Description of equipment	Online tenders are hereby invited from the eligible enrolled/registered suppliers/ distributors/ local agents for supplying : (1) Two units of ICU Ventilators as per technical specifications detailed in "Section C" hereunder					
4.	Invitation for Quotation Ref. & Date	SIBLFH/Admin/39/Proc/Vent/2026/175 Date :04.08.2026					
5	Procurement Method	Open Tendering Method					
6	Source of Fund	SIBL Foundation					
7	Tender Security (conditionally refundable)	Tk. 2,00,000/-(Two Lakh) The tender security shall be deposited in the form of Payment Order (conditionally refundable) favoring "SIBL Foundation Hospital".					
8	Registration of bidders & price of Tender Document:	The interested eligible bidders have to enroll their name by submitting a prayer to the Director SIBL Foundation Hospital physically along with a non-refundable registration/enrollment fee Tk. 3,000.00 (Taka three thousand) only in the form of "Payment Order" in favor of "SIBL Foundation Hospital" before the submission of tender. No Tender documents will be sold physically. The bidder have to copy or download this tender documents from the website: www.siblbld.com and place them on their own letterhead to submit their bid.					
	Important Tender Process Dates & Times	Tender	Registration		Submission		Opening
		Process	Start	End	Start	End	
		Date	04/08/2026	11/08/2026	06/08/2026	18/08/2026	18/08/2026
		Time	1.00 pm	4.00 pm	10.00 am	2:30 pm	3:00 pm
10	Tender Validity	12 months from the date of submission.					
11	Quantity & Delivery Schedule	As mentioned earlier.					
12	Place of opening tender documents	“SIBL Foundation Hospital”. 70.Green Road, Dhaka-1205					
13	Composition of bid Price	The price shall include all cost up to installation and commissioning .The procuring entity will pay VAT and Tax separately.					
14	Delivery Address	SIBL Foundation Hospital 70.Green Road, Dhaka-1205					
15	Mode of payment	The bill payment process may take a cycle of 30 days. The process incudes the time of collecting clearances and note of satisfaction from the end user.					

16	Performance Security	The successful bidder shall have to submit performance security at the rate of 10% (ten percent) of the entire NOA amount in the form of Bank Guarantee for a period of 12 months . Otherwise, the performance security money may be deducted from the bills (refundable after satisfactory completion of warranty period)
17	Submission of bidders qualifications/ eligibility and oath of bidder (Section B)	The interested registered bidder shall copy the "bidders' qualification" form (Section B) from the webpage and place them on their own letterhead, write their qualifications and individual information in the designated fields and submit the form along with the supporting documents as proof of the provided information and a copy of the tender security Pay Order as specified in serial No. 7 hereinabove in a separate pdf file with proper label mentioning-"Bidder's Eligibility/Qualifications-, Name of the bidder & Registration No. All papers and information shall be signed and authenticated by the bidder.
18	Submission of Technical Specifications (Section C)	The interested registered bidder shall copy the Asked Technical Specifications form (Section C) from the webpage and place them on their own letterhead, write their own specifications and submit the document along with the supporting original brochure, detail color picture in a separate pdf file with proper label mentioning-"Technical Specifications", Name of the bidder & Registration No. All papers and information shall be signed and authenticated by the bidder.
19	Submission of Financial Offer (Section D)	The interested registered bidder shall copy the Financial Offer form from the webpage and place them on their own letterhead and write their price offer for Section D in the designated field(s) and submit the document in a separate pdf file with proper labeling mentioning- " Financial Offer ", Name of the bidder & Registration No. All papers and information shall be signed and authenticated by the bidder.
20	Name and address of the Office for receiving tender(s)	Director SIBL Foundation Hospital 70.Green Road, Dhaka-1205
21	Address of Official Inviting Tender	Do.
22	Contact Details	Cell No. 01671049186 , email: sibl.hospital@sibl-bd.com
23	Special Instruction	The procuring entity reserves the right to act as follows without assigning any reason thereof 1.Explain or clarify the terms of this tender notice in its own way, 2. Increase or decrease the tender quantity 3. Reject the lowest bid, 4. Reject any or all bids 5., Select any Tender as it deem competent. 6. Call (before evaluating the tender) the responsive Tenderer(s) to submit original copies of the documents and tender security payment order submitted with the tender . The bidder/supplier shall have no right to challenge the decision of the procuring entity in any court of law or to any arbitrator.



Director

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Section B: Bidder's Information and Qualifications/Eligibility

SN	Description	Qualification	Response	Remarks
01	Name of the Bidder	Required		Attach NID copy
02	Designation of the Bidder	Required		
03	Company Name	Required		
04	Company Type	Required	Proprietorship, Partnership, Private Limited, Public Limited etc	
05	Website address of the company	Required		
06	Bidder's Office Phone No.	Required		Attach bill copy
07	Bidder's email address	Required		Send "Hello" sibl.hospital@sibl-bd.com
08	Bidder's Mobile No.	Required		
09	Verified Business Address	Required		Attach proof
10	Name of Contact Person	Required		Attach NID copy
11	Designation of the contact Person	Required		
12	Official email address	Required		Send "Hello" mail to lsd@sibl-bd.com
13	Valid Trade License No.	Required		Attach proof
15	Valid VAT Registration No.	Required		Attach proof
15	Valid ETIN	Required		Attach proof
16	Valid IRC No.	Required		Attach proof
17	Authorization of the Manufacturer	Required		Attach proof
18	Bank solvency certificate	Required		Attach proof
19	Are you adequately solvent to sale on credit for a period of 3 months or more?	Yes/No.		
20	Experience (optional)	NOA No. Date- Value-		Attach proof
21	Principal's Name, Postal Address, Web address	Required		Might be verified
22	Are you Banned by any bank authority or government agency?	Yes/No		
23	Will you import the product from original equipment manufacturer? If no, who will import your products give its details	Yes/No./details		

Statement of the bidder: All the above information provided hereinabove are true. We will supply the order from genuine, valid and lawful sources and will pay all admissible Taxes & other duties as per rule of the Government of Bangladesh.

Signature of the Bidder:
Name of the Bidder:
Designation of the Bidder:

Company Name:
Business Address
Mobile No.:

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Section C : Technical Specification (ICU Ventilator)

Procuring Entity's Technical Specification	Tenderer's Specification	Remarks
ICU Ventilator (Adult to Neonatal-Infants) Model- To be mentioned by Tenderer Brand – To be mentioned by Tenderer Origin- To be mentioned by Tenderer Port of Shipment - To be mentioned by Tenderer The system should be Echo- friendly and meet clinical demand with outstanding versatility, flexibility of work flow and consistent, high quality imaging performance with the following features: Country of Origin: EU/ Korea/ China/Taiwan (To be mentioned by the bidder). The ventilator must have the following features: • The ventilator must be built-in four wheel cart with brakes. • The ventilator must have minimum 18 inch color touch screen LCD display. • The ventilator must have Integrated invasive and non-invasive Ventilation used with all types of patients: adult, pediatric and neonatal-infants. • The ventilator must have high power full and noise free internal air compressor/blower. • The ventilator must have minimum 72 hours of data trends. • The ventilator must have automatic leak compensation. • The ventilator must have built-in nebulization system. • The ventilator must have a high flow oxygen therapy up to 100 Litres Per Minute. • The ventilator must have tidal volume setting based on IBW. • The ventilator must have in-alarm light and audible signals according to priority and message on the screen. • Ventilator must have safety mechanisms like: screen lock, stand by, emergency ventilation, pressure relief valve, operating gas leakage, auto zeroing circuit purge and safety valve. • The ventilator must have intra hospital transport facility. • The ventilator must have galvanic fuel cell/paramagnetic oxygen sensor. • The ventilator must have minimum 180 minutes battery backup. • The ventilator must have Heated humidifier supplied with the machine. The ventilator must have following facilities: • Upgraded design with software and future functions.		

- High flow oxygen therapy.
- Integrated mainstream sensor based optional capnography module for future use.
- Tube compensation (Endotracheal and Tracheostomy Tube)
- Compensation of 10%-100% for 4-12mm
- Useful controlling parameters shown in each ventilation mode.
- The main controlling parameters adjustable directly through main screen.
- Apnea Backup ventilation mode can be setup in CPAP Mode,
- Heated humidifier can be used.
- Tidal volume can be set based on BTPS.
- Sighs (breath recording) in VCV mode.

The ventilator must comply with the following technical specifications:

Suitable for all types of patients: Adult, pediatric, neonatal and infants
Ventilation mode.

Ventilation mode:

Adult and Pediatric:

- VCV – Volume Control (Assisted/Controlled)
- PCV – Pressure Control (Assisted/ Controlled)
- PSV – Pressure Support
- VSV – Volume Support
- PRVC – Pressure Regulated Volume Control
- CPAP – Continuous Positive Airway Pressure.
- SIMV (VCV) + PSV – Synchronized Intermittent Mandatory Ventilation.
- SIMV (PCV) + PSV – Synchronized Intermittent Mandatory Ventilation.
- SIMV (PRVC) + PSV – Synchronized Intermittent Mandatory Ventilation.
- VS - Volume Support Ventilation.
- Dual Vent - Tidal Volume Assured.
- APRV – Airway Pressure Release Ventilation.
- CPRV – Cardio Pulmonary Resuscitation Ventilation.
- SBT – Spontaneous Breathing Trial.
- NIV – Non-Invasive Ventilation.
- HFOT - High flow oxygen therapy

Neonate-Infants:

- VCV – Volume Control (Assisted/Controlled).
- PCV– Pressure Control (Assisted/ Controlled).
- PSV – Pressure Support.
- VSV – Volume Support.
- PRVC – Pressure Regulated Volume Control.
- nCPAP – Neonatal Continuous Positive Airway Pressure.
- SIMV (VCV) + PSV – Synchronized Intermittent Mandatory Ventilation.

- SIMV (PCV) + PSV – Synchronized Intermittent Mandatory Ventilation.
- SIMV (PRVC) + PSV – Synchronized Intermittent Mandatory Ventilation.
- CPAP with Continuous Flow (with leak compensation for NIV).
- APRV – Airway Pressure Release Ventilation.
- NIV – Non-Invasive Ventilation.
- HFOT - High flow oxygen therapy.

The ventilator must have the following setting parameters:

- VT: 2ml to 4000 ml.
- F: ADL: 1 – 100, PED/NEO-INF: 1 – 150,
- T insp : 0.1~ 10s,
- I:E: 1:10-10:1
- Flow trigger: 0.5~20 L/min,
- Pressure Triggered: 0.5 ~ 20 cmH₂O, Limited Pressure (NEO-INF) 3~70 cmH₂O, Continuous Flow in Oxygen Therapy [L/min], ADL: 1 – 80, PED: 1 – 60, NEO-INF: 1 – 20, Max pressure up to 120 cmH₂O, Pressure support: 0~100 cm H₂O. FiO₂: 21% - 100%, PEEP: 0~50 cmH₂O.

The ventilator must have following special function:

- Manual breathing: Press and perform a ventilation action according to the current ventilation mode.
- Expiratory Hold: The maximum time the exhalation can be held is 30 seconds.
- Inspiratory Hold: The maximum time you can hold your inhale is 30 seconds.
- Nebulization: Refers to atomizing drugs into aerosols and inhaling them into the patient's body for therapeutic purposes.
- O₂↑: The maximum time for oxygenation is 2 minutes.
- Suction: During the oxygenation process, the system determines whether the patient's pipeline is disconnected.
- P0.1: P0.1 refers to the pressure drop within the first 100ms when the patient begins to breathe spontaneously.
- NIF: Refers to the maximum negative pressure produced by the patient's spontaneous breathing within a period of time.
- PEEPi: The PEEPi measurement function supports the measurement PEEPi and Vtrap.
- PV tools: Doctors can use this function to determine the optimal PEEP for the patient.
- Recruitment Tool (SI): The lung recruitment function is a ventilation strategy to protect the lungs.
- Spontaneous Breathing Trial (SBT): Ventilator will perform PSV according to the preset parameters, while also displaying the real-time values and trends of weaning criteria.

Should have the following monitoring parameters:

Peak pressure [cmH₂O], Plateau pressure [cmH₂O], Mean pressure [cmH₂O], Tracheal pressure [cmH₂O], PEEP [cmH₂O], Inspiratory peak flow [L/min], Expiratory peak flow [L/min], Inspiratory time [s],

Expiratory time [s], I:E ratio, Total rate [bpm], Expired tidal volume [L] for ADL/PED, [mL] for NEO/INF, Inspired tidal volume [L] for ADL/PED - [mL] for NEO/INF, Expired minute volume [L/min], Inspired minute volume [L/min] Oxygen monitor [%], Ideal body weight [kg], Tidal volume per kg of patient weight [mL/kg] Mandatory minute volume [L/min], Spontaneous minute volume [L/min], Spontaneous respiratory rate [rpm], Expiratory time constant [s], Dynamic compliance [ml/cmH 2O] Static compliance [ml/cmH 2O], Ratio C20/C for NEO/INF, Inspiratory resistance [cmH 2O/L/s], Expiratory resistance [cmH 2O/L/s], Leak [L/min], Percentage of leak [%], F/VT index (Tobin index) [bpm/L], F/VT per kg [bpm/L/kg] for NEO/INF, Ratio between the inspiration time and the time needed for a full breath Imposed work of breathing [mJ/min] End of inspiration CO₂ [mmHg], Elimination of CO₂ [mL/min], Ratio of dead space and tidal volume, Estimated physiologic dead space (Bohr est), Anatomical Dead Space [mL], Current Alveolar Volume [mL], Alveolar minute volume [mL/min], Current volume of CO₂ [mL], Partial pressure of CO₂, of the exhaled gas mixture [mmHg]. Should have following alarms: High inspiratory pressure [cm H₂O], Low inspiratory pressure [cm H₂O], High tidal volume [L], Low tidal volume [L], High minute volume (exhaled) [L/min], Low minute volume (exhaled) [L/min], High/Low O₂ concentration [%], Apnea condition [s], High PEEP [cmH₂O], Low PEEP [cmH₂O], High rate [bpm], Maximum and minimum ET/CO₂ [mmHg] SBT finalized [min], High f/Vt [bpm/. Should have the following connectivity. • RS-232C with DB-9 connector. • VGA output for an external monitor connection. • HL7 compatible. The ventilator should comply with the following electrical requirements: • Main Power: 100 to 240 V/ 50-60 Hz and T3.15AH/250V fuse automatic voltage switching. • Internal Battery: Build-in Lithium-ion battery, 14.4 VDC, 6900 mAh and automatic recharge. • Battery level indicator on screen. 180 minutes for continuous operation including others ventilators option during mains failure. The ventilator should comply with the following pneumatic requirements: • Low pressure oxygen source: Less than 100Kpa • Gas type: O₂ NIST, DISS		
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- Working pressure: 2.0 bar (approx. 29 psi).
- Gases supply: Oxygen pressure 2.8-6 bar (approx. 41-87 psi).
- Automatic gas switching when one of them is absent in order to allow patient ventilation with the remaining gas.

The following accessories must be supplied with each machine:

1. Main Ventilator Unit- 01 No.
2. Castor Trolley with brake- 01 No.
3. Oxygen Hose – Minimum 3m.
4. Patient Circuit Support Arm -1 set
5. Patient breathing circuit: Adult -Pediatric -1 set, Neonate - 1 set and circuit with CPAP/BIPAP mask- 01
6. Expiratory Valve -01 pc
7. Test Lung for adult-1 pc.
8. Oxygen Sensor -01 pc.
9. Nebulizer kit -1 pc.
10. Heated Humidifier-1 set.
11. User manual- 01 pc.
12. Power cable- 01 pc.

The ventilator must have following warranty:

- 02 years full warranty of the ventilator machine from the date of handing over of the machine to user in commissioning and functioning condition.
- In warranty period the supplier will provide all maintenance and repair services.
- Any service must be provided immediately on demand within 30 minutes without any delay.

The ventilator Must have following product quality certificate:

- The ventilator machine must have CE/US-FDA/JIS & ISO certificate.
- A certificate copy must be submitted with the offer.

The following documents must be submitted with the original offer.

- Manufacturer's authorization certificate.
- 02 years full warranty/guaranty certificate of the bidder.
- Brand new & latest model.
- Declaration of after sales-services and availability of spare parts for minimum 10 years.
- Original catalogue and technical data sheet must be submitted.
- User list of the bidder must be submitted.

Special Instruction:

Tenderer must provide adequate operational training for two operators by appropriate application specialist and service the system/equipment as and when required during the warranty period.

Price for a complete unit with standard accessories inclusive of transportation, installation both in figure and in words in BDT must be quoted.

Signature of the Bidder:

Company Name:

Name of the Bidder:

Business Address

Designation of the Bidder:

Mobile No.:

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Date :04.08.2026

Procurement of Medical Equipment for SIBL Foundation Hospital.

Tender Ref No. SIBLFH/Proc/Echo and Vent/2021/

Date: 21.03.2021

Section D: Financial Offer of Tendered Equipment

SI	Description	Qty	Price excluding VAT and Tax both in figure and in words
1	ICU Ventilator Machine		

In words: Total Taka

Signature of the Bidder:

Company Name:

Name of the Bidder:

Business Address

Designation of the Bidder:

Mobile No.: