

## Bid Document

Bid Details	
<b>Bid End Date/Time</b>	27-05-2022 17:00:00
<b>Bid Opening Date/Time</b>	27-05-2022 17:30:00
<b>Bid Offer Validity (From End Date)</b>	65 (Days)
<b>Ministry/State Name</b>	West Bengal
<b>Department Name</b>	Health And Family Welfare Department West Bengal
<b>Organisation Name</b>	West Bengal Medical Services Corporation (wbmsc) Kolka
<b>Office Name</b>	West Bengal
<b>Total Quantity</b>	34
<b>Item Category</b>	Neonatal Ventilator (Q3)
<b>Minimum Average Annual Turnover of the bidder (For 3 Years)</b>	800 Lakh (s)
<b>Years of Past Experience Required for same/similar service</b>	3 Year (s)
<b>MSE Exemption for Years of Experience and Turnover</b>	No
<b>Startup Exemption for Years of Experience and Turnover</b>	No
<b>Document required from seller</b>	Experience Criteria,Bidder Turnover,OEM Authorization C *In case any bidder is seeking exemption from Experience Criteria, the supporting documents to prove his eligibility exemption must be uploaded for evaluation by the buyer
<b>Bid to RA enabled</b>	Yes
<b>RA Qualification Rule</b>	H1-Highest Priced Bid Elimination
<b>Time allowed for Technical Clarifications during technical evaluation</b>	2 Days
<b>Evaluation Method</b>	Total value wise evaluation

### EMD Detail

Advisory Bank	ICICI
EMD Percentage(%)	0.50
EMD Amount	807500

### ePBG Detail

Advisory Bank	ICICI
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ePBG Percentage(%)	3.00
Duration of ePBG required (Months).	2

(a). EMD EXEMPTION: The bidder seeking EMD exemption, must submit the valid supporting document for the relevant as per GeM GTC with the bid. Under MSE category, only manufacturers for goods and Service Providers for Services are eligible for exemption from EMD. Traders are excluded from the purview of this Policy.

(b). EMD & Performance security should be in favour of Beneficiary, wherever it is applicable.

**Beneficiary:**

Managing Director

WEST BENGAL, Health and Family Welfare Department West Bengal, West Bengal Medical Services Corporation (WBMS), Kolkata ,

(West Bengal Medical Services Corporation Ltd.)

**Splitting**

Bid splitting not applied.

**MII Purchase Preference**

MII Purchase Preference	No
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**MSE Purchase Preference**

MSE Purchase Preference	Yes
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1. The minimum average annual financial turnover of the bidder during the last three years, ending on 31st March of the previous financial year, should be as indicated above in the bid document. Documentary evidence in the form of certified Audited Balance Sheets of relevant periods or a certificate from the Chartered Accountant / Cost Accountant indicating turnover details for the relevant period shall be uploaded with the bid. In case the date of constitution / incorporation of the bidder is less than 3-year-old, the average turnover in respect of the completed financial years after the date of constitution shall be taken into account for this criteria.

2. Experience Criteria: In respect of the filter applied for experience criteria, the Bidder or its OEM {themselves or their reseller(s)} should have regularly, manufactured and supplied same or similar Category Products to any Central / State Government Organization / PSU / Public Listed Company for number of Financial years as indicated above in the bid document before the opening date. Copies of relevant contracts to be submitted along with bid in support of having supplied some quantity of each of the Financial year. In case of bunch bids, the category of primary product having highest value should meet the criterion.

3. Purchase preference to Micro and Small Enterprises (MSEs) from the State of Bid Inviting Authority : Purchase preference shall be given to MSEs as Micro and Small Enterprises from the State of Bid inviting Authority. If the bidder wants to avail Purchase preference, the bidder must be the manufacturer of the offered product in case of bid for supply of goods. Bidders who are not MSEs are excluded from the purview of Public Procurement Policy for Micro and Small Enterprises. In respect of bid for Service, the bidder must be the Service provider of the offered Service. Relevant documentary evidence in this regard shall be uploaded with the bid in respect of the offered product or service. If L-1 is not an MSE and MSE Seller (s) has/have quoted price within 15% of margin of purchase preference /price band defined in relevant policy, such Seller shall be given opportunity to match the price and contract will be awarded for percentage of 25 % of total quantity as defined/ decided in relevant policy.

4. Reverse Auction would be conducted amongst all the technically qualified bidders except the Highest quoting bidder. The technically qualified Highest Quoting bidder will not be allowed to participate in RA. However, H-1 will also be allowed to participate in RA in following cases:

- If number of technically qualified bidders are only 2 or 3.
- If Buyer has chosen to split the bid amongst N sellers, and H1 bid is coming within N.
- In case Primary product of only one OEM is left in contention for participation in RA on elimination of H-1.
- If L-1 is non-MSE and H-1 is eligible MSE and H-1 price is coming within price band of 15% of Non-MSE L-1

- v. If L-1 is non-MII and H-1 is eligible MII and H-1 price is coming within price band of 20% of Non-MII L-1

#### Pre Bid Detail(s)

Pre-Bid Date and Time	Pre-Bid Venue
10-05-2022 15:00:00	WEST BENGAL MEDICAL SERVICES CORPORATION LIMITED 2ND FLOOR OF SWASTHYA SATHI SWASTHYA BHAWAN COMPLEX GN29 SECTOR 5 SALT LAKE KOLKATA 700 09

#### Neonatal Ventilator ( 34 pieces )

Brand Type	Registered Brand
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#### Technical Specifications

[\\* As per GeM Category Specification](#)

Specification	Specification Name	Bid Requirement (Allowed Values)
Performance Parameters	Patient Type	Neonatal
	Tidal Volume Range In ml	2-300
	Trigger Sensitivity Mechanism	Flow
	Flow Pattern/Waveform Adjustment	Yes
	IE Ratio range	1:10 to 4:1
	Sigh Breath Function	Yes
	Leak Compensation Available	Yes
	Auto 100% increase O2 Button	Yes
	Inspiratory Pause Available	Yes
	Expiratory Hold Available	Yes
	Suction Control Option Available	Yes
	Nasal CPAP Option Available	Yes
	Auto PEEP Manoeuvre	Yes
	Control Panel Lock	Yes, No
	Facility for double lung ventilation	Yes
Ventilation Modes	CMV (Controlled Mandatory Ventilation)	Yes, No
	Assisted/Controlled Ventilation	Yes, No
	PSV(Pressure supported ventilation)	Yes
	SIMV(Synchronized Intermittent Mandatory Ventilation)	Yes, No

Specification	Specification Name	Bid Requirement (Allowed Values)
	<b>CPAP(Continuous Positive Airway Pressure Ventilation)</b>	Yes, No
	<b>Pressure Controlled 3 Selectable inspiratory pressure</b>	Rectangle
	<b>P-CMV(Inspiration pressure control)</b>	Yes
	<b>P-CMV With Expiratory Minimal volume</b>	Yes
	<b>P-CMV with minimum pressure</b>	Yes
	<b>SIMV(Synchronized intermittent Mandatory Ventilation) with PCMV</b>	Yes
	<b>ITT - Inspiratory Time Termination</b>	Yes
	<b>CPAP:Continuos Positive Airway pressure Ventilation CPAP With backup Ventilation</b>	Yes
	<b>P-CMV with Exp Volume control Available</b>	Yes, No
	<b>High Frequency Oscillation Ventilator(HFOV)</b>	No
High Frequency Oscillations	<b>Frequency</b>	5-20
	<b>Amplitude</b>	0-100
PATIENT ASSESSMENT TOOLS	<b>Maximum Waveform Displayed</b>	3
	<b>Maximum Trending Time</b>	≥72
	<b>Lung recruitment tools(PV loops)</b>	Yes, No
	<b>Stress Index</b>	No
	<b>Lung Mechanics Visualization Tool</b>	Yes, No
	<b>Capnography/Co2 Monitoring</b>	Yes
	<b>Volume Guarantee</b>	Yes
	<b>APRV</b>	No
	<b>Oxygen Therapy</b>	Yes
	<b>Esophageal/Transpulmonary pressure Monitoring</b>	No
INTEGRATED CAPABILITIES	<b>Integrated Nebulizer</b>	Yes
	<b>ETCO2 Inbuilt available</b>	Yes
	<b>Heliox Compatibility</b>	No
	<b>Humidifier</b>	Yes

Specification	Specification Name	Bid Requirement (Allowed Values)
Monitored or Displayed	<b>Peak Inspiratory Pressure Monitored</b>	Yes
	<b>Mean Airway Pressure</b>	Yes
	<b>PEEP Pressure</b>	Yes
	<b>Tidal Volume</b>	Yes
	<b>Minute Volume</b>	Yes
	<b>Spontaneous Minute Volume</b>	Yes
	<b>FiO2 Monitored</b>	Yes
	<b>Display Respiratory rate</b>	Yes
	<b>Display Inspiratory Time</b>	Yes
	<b>Display Expiratory Time</b>	Yes, No
	<b>Display I:E Ratio</b>	Yes
Alarms	<b>Low/High Fio2 Alarm</b>	Yes
	<b>Low Minute Volume Alarms</b>	Yes
	<b>High Minute Volume</b>	Yes
	<b>Low Inspiratory Pressure Alarm</b>	Yes
	<b>High Pressure Alarm</b>	Yes
	<b>Loss of PEEP Alarm</b>	Yes
	<b>Apnea</b>	Yes
	<b>Continuous High pressure/Occlusion Alarm</b>	Yes
	<b>Inverse I:E Ratio Alarm</b>	No
	<b>High Respiratory Rate Alarm</b>	Yes
	<b>High PEEP Alarm</b>	Yes
	<b>Breathing Circuit Disconnect Alarm</b>	Yes
	<b>Gas Supply Failure Alarm</b>	Yes
	<b>Power Failure Alarm</b>	Yes
	<b>Low Battery Alarm</b>	Yes
Humdifier	<b>Disposable Neonatal breathing circuit</b>	50
	<b>Water trap in expiratory limb available</b>	Yes
	<b>Auto Feed Humidification chamber Available</b>	Yes, No
Additional Parameters	<b>Output Ports Type</b>	RS-232
	<b>Remote Alarm Display Port</b>	Yes

Specification	Specification Name	Bid Requirement (Allowed Values)
	<b>Reporting (Vent alarms and Patient Status)</b>	No
	<b>View Reports on Display</b>	Yes, No
	<b>Save Data to USB</b>	Yes
	<b>Send Data Via Network</b>	Yes
	<b>Display Type</b>	Dimmable color Capacitive touchscreen,TFT
	<b>Display Size in Inches</b>	≥ 15
	<b>Can be used For Patient Transport</b>	No
	<b>In Built Air Compressor/Turbine</b>	No
Accessories	<b>Number of nenontal Reusable silicon breathing circuits</b>	1
	<b>Non-invasive masks</b>	No
	<b>Type of Flow Sensor</b>	Reuasble
	<b>No of Disposable flow sensor</b>	NA if Reusable
	<b>Trolley with ventillator with supporting arm from same manufacturer</b>	Yes
	<b>Autoclavable exhalation valve/expiratory cassette</b>	2
	<b>Test Lung Available</b>	Yes
Power Requirements	<b>Type of battery</b>	Lead acid
	<b>Operating time of battery in min</b>	60
Miscellaneous Parameters	<b>Warranty (Option of comprehensive warranty is available through bidding only, which if opted will supersede normal warranty in the catalogue)</b>	5, 2

#### Additional Specification Parameters - Neonatal Ventilator ( 34 pieces )

Specification Parameter Name	Bid Requirement (Allowed Values)
Ventilation mode	Pressure controlled ventilation: CMV, SIMV, ACMV, PSV, MMV, VG,APRV Non I Modes: CPAP, Non-invasive positive pressure ventilation (NIPPV),O2-therapy

Specification Parameter Name	Bid Requirement (Allowed Values)
Pressure controlled ventilation: CMV, SIMV, ACMV, PSV, MMV, APRV Non Invasive Modes: CPAP, Non-invasive positive pressure ventilation (NIPPV), O2-therapy	Mandatory
Peak inspiratory pressure(cm of H2O) 1 – 65 Positive end expiratory pressure(cm of H2O) 0 – 30 Fraction of inspired oxygen (%) 21 –100 Inspiratory time (sec) 0.10 – 4	Mandatory
Rate (per min) 1–150 Expiratory Tidal volume (Volume targeted mode) ml 2-100 Maximum flow during non invasive ventilation 0-30 lpm Inspiratory flow 2-30 lpm	Mandatory
Servo Control Humidifier Warranty & certification	Mandatory 2 years & 4 digit European CE / US FDA

\* Bidders offering must also comply with the additional specification parameters mentioned above.

#### Consignees/Reporting Officer and Quantity

S.No.	Consignee/Reporting Officer	Address	Quantity	Delivery D
1	Soma Das	700091, Swasthya Sathi, GN-29, Sector V, Salt Lake	34	15

## Buyer Added Bid Specific Terms and Conditions

### 1. Generic

Actual delivery (and Installation & Commissioning (if covered in scope of supply)) is to be done at following at IPGMER and SSKM Hospital Kolkata Berhampore Medical College & Hospital B. C. Roy PGIPS Kolkata.

### 2. Forms of EMD and PBG

Bidders can also submit the EMD with Payment online through RTGS / internet banking in Beneficiary name V Medical Services Corporation Ltd. Account No. 105605003391 IFSC Code ICIC0001056 Bank Name ICICI BANK address BIDHANNAGAR, SALT LAKE, SECTOR-V.

Bidder to indicate bid number and name of bidding entity in the transaction details field at the time of on-line Bidder has to upload scanned copy / proof of the Online Payment Transfer along with bid.

### 3. Generic

Bidders shall quote only those products in the bid which are not obsolete in the market and has at least 2 year market life i.e. the offered product shall not be declared end-of-life by the OEM before this period.

### 4. Certificates

Bidder's offer is liable to be rejected if they don't upload any of the certificates / documents sought in the Bid ATC and Corrigendum if any.

## 5. Generic

Bidders are advised to check applicable GST on their own before quoting. Buyer will not take any responsibility regarding GST reimbursement. GST reimbursement will be as per actuals or as per applicable rates (whichever is lower), subject to a maximum of quoted GST %.

## 6. Buyer Added Bid Specific ATC

Buyer Added text based ATC clauses

1. Bidders may have to arrange for a functional demonstration of the offered equipment during evaluation of the bids at **Kolkata**, West Bengal only, if desired by the Tender Inviting Authority (TIA).

2. **Experience Criteria:** Bidder should submit following documents of same / similar type equipment in support of supplies made to Govt. hospitals or reputed private hospitals for the past three calendar years ending December 2021:

- Proof of installation (Installation certificate / Service report duly signed by the healthcare facility) of the same / similar type of medical equipment

OR

- Proof of payment against supply and installation of the same / similar type of medical equipment

### 3. Preference for S.S.I. units registered in West Bengal & PSUs in West Bengal:

In addition to all other terms and conditions as stated herein, EMD exemption is only applicable to MSME across the country and no other case following the Finance department **U.O. No. Group T /2021-2022/1059, dated- 15.01.2022.**

4. Availability of Service Centers: OEM / Bidder must have a Functional Service Centre in **Kolkata** with the capability of providing service throughout West Bengal.

5. Successful bidder/OEM will have to ensure that adequate number of dedicated technical service engineers are designated / deployed for attending to the Service Request in a time bound manner ensuring Timely Servicing / rectification of defects during warranty period.

6. As many as number required, end user training must be provided within the warranty period at no extra charges.

7. **Imposition of restrictions on bidder as per Memorandum bearing West Bengal Department Memo No. 202-F(Y) Dated 18.01.2021 read with F.No.6/18/2019-PPD dated 20.01.2021 of Ministry of Finance, Government of India** where it has been clearly mentioned that, any bidder from a country which shares a land border with India will be eligible to bid in any procurement whether for services (including consultancy services and non-consultancy services) or works (including sub-construction turnkey projects) only if the bidder is registered with the Competent Authority.

8. <https://ec.europa.eu/growth/tools-databases/nando/index.cfm?fuseaction=notifiedbody.main>

The medical equipment should be USFDA/CE (4 digit European notified body).

The organizations that have issued CE certificate should be enlisted in the above link.

If any clarification is required, the bidder should show us the document in the above link. The quotation name & make should be mentioned in the certificate.

**Form-A: Consignee Receipt Certificate (CRC)**

**(To be issued by consignee's authorized representative)**



**[The consignee may issue an additional challan receipt if delivered by courier or trans]**

Date of supply by the Company Person or Courier:	
Name and Address of the Consignee:	
Name of the item supplied (with Make & Model & Model No.):	
Purchase Order /Contract No.:	
Name of the Supplier:	
No. of Units supplied :	
No. Of Box supplied :	
Place of destination (The dept. where the equipment will be actually installed):	
Invoice No. & Date:	
Details of Batch /Serial Numbers, if any of item supplied:	
<p>.....</p> <p>(Signature &amp; Office Seal of authorized representative of Consignees with date)</p> <p>[Name and designation of the signatory to be written capital letter]</p>	
<p>.....</p> <p>(Signature &amp; Office Seal of Head of the Institute/Hospital with date)</p> <p>[Name and designation of the signatory to be written capital letter]</p>	

**Form B: Satisfactory Installation Certificate (SIC)****(To be issued by the consignee after successful commissioning of equipment)**

Bid Reference :

Award of Contract Reference :

Description of Equipment/Service :

Date of Commissioning :

Warranty up to :

This is to certify that the equipment(s) as detailed below has/have been received in good condition along with all the standard and special accessories, consumables, set of spares in accordance with the contract/technical specification of the equipment and site preparation including interiors as per bid document.

**Details of equipment, accessories, consumables, spares, etc.**

SI	Description	Quantity	Serial No. / Part No.
1			
2			
3			
4			
5			

*In case of space deficiency, another sheet with the same format can be annexed.*

The supplier has also submitted the following,

1. Tools for maintenance
2. Detailed operation and maintenance manual both in hard and soft copy for each item of supply at each location

The proving test has been done to our entire satisfaction. The equipments, its accessories and ancillaries of the site preparation including interiors is functioning satisfactorily and faultlessly

**Declaration by Unit Head (HOD/MO-IC/Others) :**

Sticker designed by NHM is fitted with the equipment      Yes ☐ No ☐

Signature  
with Stamp :

Name (in Block)

P.T.O.

The following operators/ end users have been trained to operate the equipment(s),

Sl	Name	Designation	Contact No	E-mail ID (In CAPS)	Signature
1					
2					
3					
4					
5					
6					
7					
8					
9					
10					
11					
12					
13					

14					
15					

*In case of space deficiency, another sheet with the same format can be annexed.*

<p><b>Countersigned by the head of the institute / hospital:</b></p>   <p>Signature _____</p>   <p>Name _____</p>   <p>Designation with stamp _____</p>   <p>Date _____</p>	<p>Signature of Unit Head: (HOD/MO-IC/Others)</p>   <p>Name (in Block):</p>   <p>Designation with Stamp:</p>
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Specification of Neonatal Ventilator

Specification	Specification Name	Bid Requirement (A Values)
Performance Parameters	Patient Type	Neonatal
	Tidal Volume Range In ml	2 to 300
	Trigger Sensitivity Mechanism	Flow
	Flow Pattern / Waveform Adjustment	Yes
	IE Ratio range	1:10 to 4:1

	Sigh Breath Function	Yes, No
	Leak Compensation Available	Yes (more than 90%)
	Auto 100% increase O2 Button	Yes/no
	Inspiratory Pause Available	Yes/no
	Expiratory Hold Available	Yes/no
	Suction Control Option Available	Yes
	Nasal CPAP Option Available	Yes
	Auto PEEP Manoeuvre	Yes/no
	Control Panel Lock	Yes, No
	Facility for double lung ventilation	Yes
Ventilation Modes	CMV (Controlled Mandatory Ventilation)	Yes, No
	Assisted / Controlled Ventilation	Yes, No
	PSV (Pressure supported ventilation)	Yes
	SIMV (Synchronized Intermittent Mandatory Ventilation)	Yes, No
	CPAP(Continuous Positive Airway Pressure Ventilation)	Yes, No
	Pressure Controlled 3 Selectable inspiratory pressure	Rectangle
	P-CMV (Inspiration pressure control)	Yes
	P-CMV With Expiratory Minimal volume	Yes
	P-CMV with minimum pressure	Yes
	SIMV (Synchronized intermittent Mandatory Ventilation) with PCMV	Yes
	ITT - Inspiratory Time Termination	Yes
	CPAP: Continuos Positive Airway pressure Ventilation CPAP With backup Ventilation	Yes
	P-CMV with Exp Volume control Available	Yes, No
	High Frequency Oscillation Ventilator (HFOV)	Yes ( facility for upgra
High Frequency Oscillations	Frequency	5 to 20

	Amplitude	0-100
PATIENT ASSESSMENT TOOLS	Maximum Waveform Displayed	User friendly pulmonary graphics configuration parameters
	Maximum Trending Time	≥ 72
	Lung recruitment tools (PV loops)	Yes, No
	Stress Index	No
	Lung Mechanics Visualization Tool	Yes, No
	Capnography / Co2 Monitoring	Yes
	Volume Guarantee	Yes
	APRV	No
	Oxygen Therapy	Yes
	Esophageal / Transpulmonary pressure Monitoring	No
INTEGRATED CAPABILITIES	Integrated Nebulizer	Yes
	ETCO2 Inbuilt available	Yes
	Heliox Compatibility	No
	Humidifier	Yes
Monitored or Displayed	Peak Inspiratory Pressure Monitored	Yes
	Mean Airway Pressure	Yes
	PEEP Pressure	Yes
	Tidal Volume	Yes
	Minute Volume	Yes
	Spontaneous Minute Volume	Yes
	FiO2 Monitored	Yes
	Display Respiratory rate	Yes
	Display Inspiratory Time	Yes
	Display Expiratory Time	Yes, No
	Display I:E Ratio	Yes
Alarms	Low/High Fio2 Alarm	Yes
	Low Minute Volume Alarms	Yes
	High Minute Volume	Yes

	Low Inspiratory Pressure Alarm	Yes
	High Pressure Alarm	Yes
	Loss of PEEP Alarm	Yes
	Apnea	Yes
	Continuous High pressure / Occlusion Alarm	Yes/no
	Inverse I:E Ratio Alarm	No
	High Respiratory Rate Alarm	Yes
	High PEEP Alarm	Yes
	Breathing Circuit Disconnect Alarm	Yes
	Gas Supply Failure Alarm	Yes
	Power Failure Alarm	Yes
	Low Battery Alarm	Yes
Humdifier	Disposable Neonatal breathing circuit	50
	Water trap in expiratory limb available	Yes
	Auto Feed Humidification chamber Available, Reusable	Yes
Additional Parameters	Output Ports Type	RS-232
	Remote Alarm Display Port	Yes
	Reporting (Vent alarms and Patient Status)	No
	View Reports on Display	Yes, No
	Save Data to USB	Yes
	Send Data Via Network	Yes
	Display Type	Dimmable color Capa touchscreen, TFT
	Display Size in Inches	≥ 15
	Can be used For Patient Transport	No
	In Built Air Compressor / Turbine	No
Accessories	Number of nenontal Reusable silicon breathing circuits	1, 2, 3
	Non-invasive masks	No
	Type of Flow Sensor	Reuasble

	No of Disposable flow sensor	NA if Reusable
	Trolley with ventilator with supporting arm from same manufacturer	Yes
	Autoclavable exhalation valve / expiratory cassette	2
	Test Lung Available	Yes
Power Requirements	Type of battery	Lead acid
	Operating time of battery in min	60
Miscellaneous Parameters	Warranty (Option of comprehensive warranty is available through bidding only, which if opted will supersede normal warranty in the catalogue)	3, 4, 5, 1, 2

#### Additional Specification Parameters - Neonatal Ventilator

Specification Parameter Name	Bid Requirement (Allowed Values)
Ventilation mode	Pressure controlled ventilation: CMV, SIMV, PSV, MMV, VG, APRV Non Invasive Modes: CPAP, Non-invasive positive pressure ventilation (NIPPV), O <sub>2</sub> -therapy
Pressure controlled ventilation: CMV, SIMV, ACMV, PSV, MMV, APRV Non Invasive Modes: CPAP, Non-invasive positive pressure ventilation (NIPPV), O <sub>2</sub> -therapy	Mandatory
Servo Control Humidifier	Mandatory
Peak inspiratory pressure(cm of H <sub>2</sub> O) 1 – 65 Positive end expiratory pressure(cm of H <sub>2</sub> O) 0 – 30 Fraction of inspired oxygen (%) 21 – 100 Inspiratory time (sec) 0.10 – 4	Mandatory
Rate (per min) 1–150 Expiratory Tidal volume (Volume targeted mode) ml 2–100 Maximum flow during non invasive ventilation 0–30 lpm Inspiratory flow 2–30 lpm	Mandatory
Warranty & certification	2 years & 4 digit European CE / US FDA

## 7. Warranty

Warranty period of the supplied products shall be 2 years from the date of final acceptance of goods or after



of installation, commissioning & testing of goods (if included in the scope of supply), at consignee location. OI Warranty certificates must be submitted by Successful Bidder at the time of delivery of Goods. The seller should guarantee the rectification of goods in case of any break down during the guarantee period. Seller should have established Installation, Commissioning, Training, Troubleshooting and Maintenance Service group in INDIA for the after sales service. Details of Service Centres near consignee destinations are to be uploaded along with the

**8. Generic**

Data Sheet of the product(s) offered in the bid, are to be uploaded along with the bid documents. Buyers can verify the Data Sheet with the product specifications offered. In case of any unexplained mismatch of technical parameters, the bid is liable for rejection.

**9. Service & Support**

Escalation Matrix For Service Support : Bidder/OEM must provide Escalation Matrix of Telephone Numbers for Support.

**10. Generic**

Installation, Commissioning, Testing, Configuration, Training (if any - which ever is applicable as per scope of work) shall be carried out by OEM / OEM Certified resource or OEM authorised Reseller.

**11. Generic**

OPTION CLAUSE: The Purchaser reserves the right to increase or decrease the quantity to be ordered up to 25% of the bid quantity at the time of placement of contract. The purchaser also reserves the right to increase the order by up to 25% of the contracted quantity during the currency of the contract at the contracted rates. Bidders shall be required to accept the orders accordingly.

**12. Warranty**

Over and above the normal Warranty terms as per GeM GTC, the successful bidder / OEM shall have to provide Comprehensive Warranty during the entire Standard warranty period as per contract. : The comprehensive warranty shall be covering the following scope All spare parts & labour (Upload an undertaking with the bid confirming by the bidder if Bidder is taking onus of this compliance. In case OEM is taking onus of this compliance, OEM undertaking is to be uploaded along with Bidder undertaking)

**13. Scope of Supply**

Scope of supply (Bid price to include all cost components) : Supply Installation Testing and Commissioning of

**14. Forms of EMD and PBG**

Successful Bidder can submit the Performance Security in the form of Payment online through RTGS / internet banking also (besides PBG which is allowed as per GeM GTC). On-line payment shall be in Beneficiary name West Bengal Services Corporation Ltd. Account No. 105605003391 IFSC Code ICIC0001056 Bank Name ICICI BANK Branch BIDHANNAGAR, SALT LAKE, SECTOR-V. Successful Bidder to indicate Contract number and name of Seller in the transaction details field at the time of on-line transfer. Bidder has to upload scanned copy / proof of the Online Transfer in place of PBG within 15 days of award of contract.

**15. Warranty**

Successful bidder will have to ensure that adequate number of dedicated technical service personals / engine designated / deployed for attending to the Service Request in a time bound manner and for ensuring Timely rectification of defects during warranty period, as per Service level agreement indicated in the relevant clause.

**16. Generic**

Scope of supply includes Training: Number of employees to be trained 170 , Place for Training at the consignee location and Duration of training 2 days.

**17. Warranty**

Timely Servicing / rectification of defects during warranty period: After having been notified of the defects / service requirement during warranty period, Seller has to complete the required Service / Rectification within 3 days. If the Seller fails to complete service / rectification within the defined time limit, a penalty of 0.5% of Unit Price of the goods shall be charged as penalty for each week of delay from the seller. Seller can deposit the penalty with the Buyer, else the Buyer shall have a right to recover all such penalty amount from the Performance Security (PBG). Current Penalty cannot exceed more than 10% of the total contract value after which the Buyer shall have the right to get service / rectification done from alternate sources at the risk and cost of the Seller besides forfeiture of PBG. Seller shall be liable to reimburse the cost of such service / rectification to the Buyer.

#### 18. **Certificates**

The bidder is required to upload, along with the bid, all relevant certificates such as BIS licence, type test certificate, approval certificates and other certificates as prescribed in the Product Specification given in the bid document.

#### 19. **Generic**

Without prejudice to Buyer's right to price adjustment by way of discount or any other right or remedy available to Buyer, Buyer may terminate the Contract or any part thereof by a written notice to the Seller, if:

- i) The Seller fails to comply with any material term of the Contract.
- ii) The Seller informs Buyer of its inability to deliver the Material(s) or any part thereof within the stipulated Delivery Period or such inability otherwise becomes apparent.
- iii) The Seller fails to deliver the Material(s) or any part thereof within the stipulated Delivery Period and/or to replace/rectify any rejected or defective Material(s) promptly.
- iv) The Seller becomes bankrupt or goes into liquidation.
- v) The Seller makes a general assignment for the benefit of creditors.
- vi) A receiver is appointed for any substantial property owned by the Seller.
- vii) The Seller has misrepresented to Buyer, acting on which misrepresentation Buyer has placed the Purchase Order with the Seller.

#### 20. **Generic**

While generating invoice in GeM portal, the seller must upload scanned copy of GST invoice and the screenshot of the portal confirming payment of GST.

## **Disclaimer**

The additional terms and conditions have been incorporated by the Buyer after approval of the Competent Authority / Government Organization. Buyer organization is solely responsible for the impact of these clauses on the bidding process, its outcomes and consequences thereof including any eccentricity / restriction arising in the bidding process due to these ATCs and any modification of technical specification and / or terms and conditions governing the bid. Any clause incorporated by the Buyer, such as demanding Tender Sample, incorporating any clause against the MSME policy and Preference to make in India, mandating any Brand names or Foreign Certification, changing the default time period for Acceptance of material or timeline governed by OM of Department of Expenditure shall be null and void and would not be considered part of the bid. Any reference of conditions published on any external site or reference to external documents / clauses shall also be void. If any seller has any objection / grievance against these additional clauses or otherwise on any aspect of this bid, he/she must raise their representation against the same by using the Representation window provided in the bid details field in Seller's dashboard after logging in as a seller within 4 days of bid publication on GeM. Buyer is duty bound to reply to all such representations and would not be allowed to open bids if he fails to reply to such representations.

[This Bid is also governed by the General Terms and Conditions](#)

In terms of GeM GTC clause 26 regarding Restrictions on procurement from a bidder of a country which shares a land border with India, any bidder from a country which shares a land border with India will be eligible to bid in this tender only if the bidder is registered with the Competent Authority. While participating in bid, Bidder has to undertake compliance of the declaration and non-compliance of this would be a ground for immediate termination of the contract and further legal action in accordance with the laws.

**---Thank You---**

### Bid Corrigendum

GEM/2022/B/2156793-C2

Following terms and conditions supersede all existing "Buyer added Bid Specific Terms and conditions" given in the bid document or any previous corrigendum. Prospective bidders are advised to bid as per following Terms and Conditions:

#### Buyer Added Bid Specific Additional Terms and Conditions

1. Actual delivery (and Installation & Commissioning (if covered in scope of supply)) is to be done at following address IPGMR and SSKM Hospital Kolkata Berhampore Medical College & Hospital B. C. Roy PGIPS Kolkata.
2. Bidders can also submit the EMD with Payment online through RTGS / internet banking in Beneficiary name West Bengal Medical Services Corporation Ltd. Account No. 105605003391 IFSC Code ICIC0001056 Bank Name ICICI BANK Branch address BIDHANNAGAR, SALT LAKE, SECTOR-V. Bidder to indicate bid number and name of bidding entity in the transaction details field at the time of on-line transfer. Bidder has to upload scanned copy / proof of the Online Payment Transfer along with bid.
3. Bidders shall quote only those products in the bid which are not obsolete in the market and has at least 2 years residual market life i.e. the offered product shall not be declared end-of-life by the OEM before this period.
4. Bidder's offer is liable to be rejected if they don't upload any of the certificates / documents sought in the Bid document, ATC and Corrigendum if any.
5. Bidders are advised to check applicable GST on their own before quoting. Buyer will not take any responsibility in this regards. GST reimbursement will be as per actuals or as per applicable rates (whichever is lower), subject to the maximum of quoted GST %.
6. Buyer Added text based ATC clauses
  1. Bidders may have to arrange for a functional demonstration of the offered equipment during technical evaluation of the bids at **Kolkata**, West Bengal only, if desired by the Tender Inviting Authority (TIA).
  2. **Experience Criteria:** Bidder should submit following documents of same / similar type of medical equipment in support of supplies made to Govt. hospitals or reputed private hospitals for the period of last three calendar years ending December 2021:
    - Proof of installation (Installation certificate / Service report duly signed by the hospital / healthcare facility) of the same / similar type of medical equipment
    - OR
    - Proof of payment against supply and installation of the same / similar type of medical equipment.
  3. **Preference for S.S.I. units registered in West Bengal & PSUs in West Bengal:**

In addition to all other terms and conditions as stated herein, EMD exemption is only applicable to MSME across the country and no other case following the spirit of Finance department **U.O. No. Group T /2021-2022/1059, dated-15.01.2022.**
  4. **Availability of Service Centers:** OEM / Bidder must have a Functional Service Centre in **Kolkata** and have capability of providing service throughout West Bengal.

5. Successful bidder/OEM will have to ensure that adequate number of dedicated technical service personals / engineers are designated / deployed for attending to the Service Request in a time bound manner and for ensuring Timely Servicing / rectification of defects during warranty period.

6. As many as number required, end user training must be provided within the warranty period without any charges.

7. **Imposition of restrictions on bidder as per Memorandum bearing West Bengal Finance Department Memo No. 202-F(Y) Dated 18.01.2021 read with F.No.6/18/2019-PPD dated 23.07.2020 of Ministry of Finance, Government of India** where has been clearly mentioned that, any bidder from a country which shares a land border with India will be eligible to bid in any procurement whether of goods, services (including consultancy services and non-consultancy services) or works (including sub-contracts and turnkey projects) only if the bidder is registered with the Competent Authority.

8. <https://ec.europa.eu/growth/tools-databases/nando/index.cfm?fuseaction=notifiedbody.main>

The medical equipment should be USFDA/CE (4 digit European notified body).

The organization those are issued CE certificate should be enlisted in the above link.

If any clarification required, the bidder should show us the document in the above link. The quoted model name & make should be mentioned in the certificate.

#### **Form-A: Consignee Receipt Certificate (CRC)**

**(To be issued by consignee's authorized representative)**

**[The consignee may issue an additional challan receipt if delivered by courier or transporter]**

Date of supply by the Company Person or Courier:	
Name and Address of the Consignee:	
Name of the item supplied (with Make & Model & Model No.):	
Purchase Order /Contract No.:	
Name of the Supplier:	
No. of Units supplied :	
No. Of Box supplied :	

Place of destination (The dept. where the equipment will be actually installed):	
Invoice No. & Date:	
Details of Batch /Serial Numbers, if any of item supplied:	
<p>.....</p> <p>(Signature &amp; Office Seal of authorized representative of Consignees with date)</p> <p>[Name and designation of the signatory to be written capital letter]</p>	
<p>.....</p> <p>(Signature &amp; Office Seal of Head of the Institute/Hospital with date)</p> <p>[Name and designation of the signatory to be written capital letter]</p>	

### **Form B: Satisfactory Installation Certificate (SIC)**

**(To be issued by the consignee after successful commissioning of equipment)**

Bid Reference :

Award of Contract Reference :

Description of Equipment/Service :

Date of Commissioning :

Warranty up to :

This is to certify that the equipment(s) as detailed below has/have been received in good condition along with all the standard and special accessories, consumables, set of spares in accordance with the contract/technical specification of the equipment and site preparation including interiors as per bid document.

#### **Details of equipment, accessories, consumables, spares, etc.**

SI	Description	Quantity	Serial No. / Part No.
1			

2			
3			
4			
5			

*In case of space deficiency, another sheet with the same format can be annexed.*

The supplier has also submitted the following,

1. Tools for maintenance
2. Detailed operation and maintenance manual both in hard and soft copy for each item of supply at each location

The proving test has been done to our entire satisfaction. The equipments, its accessories and ancillaries of the site preparation including interiors is functioning satisfactorily and faultlessly

**Declaration by Unit Head (HOD/MO-IC/Others) :**

Sticker designed by NHM is fitted with the equipment      Yes ☐ No ☐

Signature  
with Stamp :

Name (in Block)

P.T.O.

The following operators/ end users have been trained to operate the equipment(s),

Sl	Name	Designation	Contact No	E-mail ID (In CAPS)	Signature
1					
2					
3					
4					
5					
6					

7					
8					
9					
10					
11					
12					
13					
14					
15					

*In case of space deficiency, another sheet with the same format can be annexed.*

<p><b>Countersigned by the head of the institute / hospital:</b></p>     <p>Signature _____</p>     <p>Name _____</p>     <p>Designation with stamp _____</p>     <p>Date _____</p>	<p>Signature of Unit Head:  (HOD/MO-IC/Others)</p>     <p>Name (in Block):</p>     <p>Designation with Stamp:</p>
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Based on the discussion in pre-bid meeting held on 10.05.2022, the following amendment has been made:

Revised Specification of Neonatal Ventilator

Specification	Specification Name	Bid Requirement (Allowed Values)
Performance Parameters	Patient Type	Neonatal
	Tidal Volume Range In ml	2 to 300
	Trigger Sensitivity Mechanism	Flow
	Flow Pattern / Waveform Adjustment	Yes
	IE Ratio range	1:10 to 4:1
	Sigh Breath Function	Yes, No
	Leak Compensation Available	Yes (100%)
	Auto 100% increase O2 Button	Yes/no
	Inspiratory Pause Available	Yes/no
	Expiratory Hold Available	Yes/no
	Suction Control Option Available	Yes
	Nasal CPAP Option Available	Yes
	Auto PEEP Manoeuvre	Yes/no
	Control Panel Lock	Yes/no
	Facility for double lung ventilation	Yes
Ventilation Modes	CMV (Controlled Mandatory Ventilation)	Yes
	Assisted / Controlled Ventilation	Yes
	PSV (Pressure supported ventilation)	Yes
	SIMV (Synchronized Intermittent Mandatory Ventilation)	Yes
	CPAP(Continuous Positive Airway Pressure Ventilation)	Yes
	Pressure Controlled 3 Selectable inspiratory pressure	Rectangle
	P-CMV (Inspiration pressure control)	Yes
	P-CMV With Expiratory Minimal volume	Yes
	P-CMV with minimum pressure	Yes
	SIMV (Synchronized intermittent Mandatory Ventilation) with PCMV	Yes
	ITT - Inspiratory Time Termination	Yes



	CPAP: Continuous Positive Airway pressure Ventilation CPAP With backup Ventilation	Yes
	P-CMV with Exp Volume control Available	Yes, No
	High Frequency Oscillation Ventilator (HFOV)	Yes (facility for upgradation)
High Frequency Oscillations	Frequency	5 to 20
	Amplitude	0-100
PATIENT ASSESSMENT TOOLS	Maximum Waveform Displayed	User friendly pulmonary graphics configuration for all parameters
	Maximum Trending Time	≥72
	Lung recruitment tools (PV loops)	Yes
	Stress Index	No
	Lung Mechanics Visualization Tool	Yes
	Capnography / Co2 Monitoring	Yes
	Volume Guarantee	Yes
	APRV	Yes
	Oxygen Therapy	Yes
	Esophageal / Transpulmonary pressure Monitoring	No
INTEGRATED CAPABILITIES	Integrated Nebulizer	Yes
	ETCO2 Inbuilt available	Yes
	Heliox Compatibility	No
	Humidifier	Yes
Monitored or Displayed	Peak Inspiratory Pressure Monitored	Yes
	Mean Airway Pressure	Yes
	PEEP Pressure	Yes
	Tidal Volume	Yes
	Minute Volume	Yes
	Spontaneous Minute Volume	Yes
	FiO2 Monitored	Yes
	Display Respiratory rate	Yes
	Display Inspiratory Time	Yes
	Display Expiratory Time	Yes

Alarms	Display I:E Ratio	Yes
	Low/High Fio2 Alarm	Yes
	Low Minute Volume Alarms	Yes
	High Minute Volume	Yes
	Low Inspiratory Pressure Alarm	Yes
	High Pressure Alarm	Yes
	Loss of PEEP Alarm	Yes
	Apnea	Yes
	Continuous High pressure / Occlusion Alarm	Yes
	Inverse I:E Ratio Alarm	No
	High Respiratory Rate Alarm	Yes
	High PEEP Alarm	Yes
	Breathing Circuit Disconnect Alarm	Yes
	Gas Supply Failure Alarm	Yes
	Power Failure Alarm	Yes
	Low Battery Alarm	Yes
Humidifier	Disposable Neonatal breathing circuit	50
	Water trap in expiratory limb available	Yes
	Auto Feed Humidification chamber Available, Reusable	Yes
Additional Parameters	Output Ports Type	RS-232
	Remote Alarm Display Port	Yes
	Reporting (Vent alarms and Patient Status)	No
	View Reports on Display	Yes, No
	Save Data to USB	Yes
	Send Data Via Network	Yes
	Display Type	Dimmable color Capacitive touchscreen, TFT
	Display Size in Inches	≥ 15
	Can be used For Patient Transport	No
	In Built Air Compressor / Turbine	No
	Number of neonatal Reusable silicon	10

Accessories	breathing circuits with each machine	
	Nasal masks with each machine	10
	Type of Flow Sensor (Hot air anemometer)	Reusable (10)
	Nasal Cannula (preterm)	10
	Nasal Cannula (term)	10
	No of Disposable flow sensor (Hot air anemometer)	NA if Reusable
	Trolley with ventilator with supporting arm from same manufacturer	Yes
	Autoclavable exhalation valve / expiratory cassette	2
Power Requirements	Test Lung Available	Yes
	Type of battery	Lead acid
	Operating time of battery in min	60
Additional Specification Parameters - Neonatal Ventilator		
Specification Parameter Name		Bid Requirement (Allowed Values)
Ventilation mode		Pressure controlled ventilation: CMV, SIMV, ACMV, PSV, MMV, VG,APRV Non Invasive Modes: CPAP, Non-invasive positive pressure ventilation (NIPPV),O2-therapy  Volume guarantee mode of ventilation, facility for combination with SIMV, ACMV & PSV
Pressure controlled ventilation: CMV, SIMV, ACMV, PSV, MMV, APRV Non Invasive Modes: CPAP, Non-invasive positive pressure ventilation (NIPPV),O2-therapy		Mandatory
Servo Control Humidifier ( US FDA approved)		Mandatory
Peak inspiratory pressure(cm ofH2O) 1 – 65 Positive end expiratory pressure(cm of H2O) 0 – 30 Fraction of inspired oxygen (%) 21 –100 Inspiratory time (sec) 0.10 – 4		Mandatory
Rate (per min) 1-150 Expiratory Tidal volume (Volume targeted mode) ml 2-100 Maximum flow during non invasive ventilation 0-30 lpm Inspiratory flow 2-30 lpm		Mandatory
Warranty & certification		2 years & 4 digit European CE / US FDA

7. Warranty period of the supplied products shall be 2 years from the date of final acceptance of goods or after completion of installation, commissioning & testing of goods (if included in the scope of supply), at consignee location. OEM Warranty certificates must be submitted by Successful Bidder at the time of delivery of Goods. The seller should guarantee the rectification of goods in case of any break down during the guarantee period. Seller should have well established Installation, Commissioning, Training, Troubleshooting and Maintenance Service group in INDIA for attending the after sales service. Details of

Service Centres near consignee destinations are to be uploaded along with the bid.

8. Data Sheet of the product(s) offered in the bid, are to be uploaded along with the bid documents. Buyers can match and verify the Data Sheet with the product specifications offered. In case of any unexplained mismatch of technical parameters, the bid is liable for rejection.
9. Escalation Matrix For Service Support : Bidder/OEM must provide Escalation Matrix of Telephone Numbers for Service Support.
10. Installation, Commissioning, Testing, Configuration, Training (if any - which ever is applicable as per scope of supply) is to be carried out by OEM / OEM Certified resource or OEM authorised Reseller.
11. OPTION CLAUSE: The Purchaser reserves the right to increase or decrease the quantity to be ordered up to 25 percent of bid quantity at the time of placement of contract. The purchaser also reserves the right to increase the ordered quantity by up to 25% of the contracted quantity during the currency of the contract at the contracted rates. Bidders are bound to accept the orders accordingly.
12. Over and above the normal Warranty terms as per GeM GTC, the successful bidder / OEM shall have to provide Comprehensive Warranty during the entire Standard warranty period as per contract. : The comprehensive warranty shall be covering the following scope All spare parts & labour (Upload an undertaking with the bid confirming compliance by the bidder if Bidder is taking onus of this compliance. In case OEM is taking onus of this compliance, OEM undertaking is to be uploaded along with Bidder undertaking)
13. Scope of supply (Bid price to include all cost components) : Supply Installation Testing and Commissioning of Goods
14. Successful Bidder can submit the Performance Security in the form of Payment online through RTGS / internet banking also (besides PBG which is allowed as per GeM GTC). On-line payment shall be in Beneficiary name West Bengal Medical Services Corporation Ltd. Account No. 105605003391 IFSC Code ICIC0001056 Bank Name ICICI BANK Branch address BIDHANNAGAR, SALT LAKE, SECTOR-V. Successful Bidder to indicate Contract number and name of Seller entity in the transaction details field at the time of on-line transfer. Bidder has to upload scanned copy / proof of the Online Payment Transfer in place of PBG within 15 days of award of contract.
15. Successful bidder will have to ensure that adequate number of dedicated technical service personals / engineers are designated / deployed for attending to the Service Request in a time bound manner and for ensuring Timely Servicing / rectification of defects during warranty period, as per Service level agreement indicated in the relevant clause of the bid.
16. Scope of supply includes Training: Number of employees to be trained 170 , Place for Training at the consignee location and Duration of training 2 days.
17. Timely Servicing / rectification of defects during warranty period: After having been notified of the defects / service requirement during warranty period, Seller has to complete the required Service / Rectification within 3 days time limit. If the Seller fails to complete service / rectification with defined time limit, a penalty of 0.5% of Unit Price of the product shall be charged as penalty for each week of delay from the seller. Seller can deposit the penalty with the Buyer directly else the Buyer shall have a right to recover all such penalty amount from the Performance Security (PBG).Cumulative Penalty cannot exceed more than 10% of the total contract value after which the Buyer shall have the right to get the service / rectification done from alternate sources at the risk and cost of the Seller besides forfeiture of PBG. Seller shall be liable to re-imburse the cost of such service / rectification to the Buyer.
18. The bidder is required to upload, along with the bid, all relevant certificates such as BIS licence, type test certificate, approval certificates and other certificates as prescribed in the Product Specification given in the bid document.
19. Without prejudice to Buyer's right to price adjustment by way of discount or any other right or remedy available to Buyer, Buyer may terminate the Contract or any part thereof by a written notice to the Seller, if:
  - i) The Seller fails to comply with any material term of the Contract.
  - ii) The Seller informs Buyer of its inability to deliver the Material(s) or any part thereof within the stipulated Delivery Period or such inability otherwise becomes apparent.
  - iii) The Seller fails to deliver the Material(s) or any part thereof within the stipulated Delivery Period and/or to replace/rectify any rejected or defective Material(s) promptly.
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\*This document shall overwrite all previous versions of Bid Specific Additional Terms and Conditions.

[This Bid is also governed by the General Terms and Conditions](#)