

Response To Pre-Bid Queries (Pre-Bid date: 18.04.2022)				
Bid Number: GEM/2022/B/2079321 Dated: 31-03-2022				
Item Name: Pediatric Ventilator				
Sr. No.	ATC Page & Para	TENDER SPECIFICATION	REPRESENTATION RECEIVED FROM THE FIRM	COMMITTEE RECOMMENDATION
1	Pg 1 Para 1	Ventilator should be suitable for mechanical ventilation of children of all age groups including neonates, infants, children, and adolescents.	As per prebid discussion	Amended as: Ventilator should be suitable for mechanical ventilation of children of all age groups including neonates, infants, children, and adolescents. The ventilator should run on compressed air (from central air pipeline) and compressed oxygen (from central oxygen pipeline); turbine based ventilators are not required. Air compressor not required with the ventilator
2	Pg 1 Para 5 b)	Pressure control between 0-100 cm H2O; PEEP 0-50 cm H2O;	Pressure control between 0-99 cm H2O Remarks/Justification: We request you to kindly amend this point for healthier competitions as well as wider participation.	Amended as: Pressure control between 2-99 cm H2O ; PEEP 0-50 cm H2O
			Pressure control between 2-100 cm H2O; PEEP 0-50 cm H2O;	
			Pressure control between 2-100 cm H2O; PEEP 0-50 cm H2O; Justification: Kindly allow equivalent for wider participation	
3	Pg 1 Para 5 c)	Pressure support 0-100 cm H2O	We request to amend Pressure support 0-99 cm H2O	Amended as: Pressure support 0-99 cm H2O

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4	Pg 1 Para 5 d)	Frequency: 5-80 breaths/min (CMV) & 0-40 in SIMV.	Frequency: 1-150 breaths/min (CMV) & 1-150 in SIMV. Justification: Kindly allow equivalent for wider participation	No change
5	Pg 1 Para 7	The ventilator should have distal flow sensor for use in infants and neonates (heated wire)	It should be amend as The ventilator should have distal flow sensor for use in infants and neonates (heated wire) or proximal flow sensor as for wider Participation. The ventilator should have distal flow sensor for use in infants and neonates (heated wire)/differential pressure. The ventilator should have distal flow sensor for use in infants and neonates (heated wire/ differential pressure flow sensor) Justification: Kindly allow equivalent for wider participation	Amended as: The ventilator should have proximal flow sensor (to be connected at the ET tube opening) for use in infants and neonates (heated wire)
6	Pg 1 Para 10	Screen size should be at least 15" (LCD color touch screen).	It should be amend as Screen size should be at least 12" or more (LCD color touch screen).diagonally for wider participation. Screen size should be at least 12" (LCD color touch screen).	Amended as: Screen size should be at least 12" (LCD color touch screen).

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			<p>Screen size should be at least 12" or more (LCD color touch screen).</p> <p>Justification: To view 3 real time waveforms, 2 loops with set & monitored parameters, 12 inch display is more then enough. Display size does not involved in the ventilation. Ventilator should be advanced which is used for ventilation not the display. Kindly allow screen size 12 inch or more for wider participation.</p>	
7	Pg 1 Para 11	Values displayed should be those related to airway pressure, Minute volume (MV), Tidal volume (VT), Breathing frequency (f), O2 concentration (FiO2) , Lung mechanics such as Resistance, Compliance, Breathing gas temperature, Waveforms, Trends , Loops, Dead space ventilation (Vds/VT) , Capnography (etCO2)	As per prebid discussion	Amended as: Values displayed should be those related to airway pressure, Minute volume (MV), Tidal volume (VT), Breathing frequency (f), O2 concentration (FiO2) , Lung mechanics such as Resistance, Compliance, Breathing gas temperature, Waveforms, Trends , Loops, Dead space ventilation (Vds/VT) , Capnography (etCO2). In addition, the ventilator should have measurements of Auto PEEP, occlusion pressure, RSBI, and WOB.
8	Pg 1 Para 13	The ventilator should have nebulization facility with use of a wire-mesh nebulizer.	<p>The ventilator should have nebulization facility.</p> <p>Justification: Kindly remove company specific terms for wider participation</p>	Amended as: The ventilator should have nebulization facility with use of a wire-mesh nebulizer with ability to deliver aerosol with particle size of <5 micron.

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9	Pg 1 Para 14	Should be compatible with the inhaled nitric oxide delivery equipment.	Should be removed Justification: Kindly remove company specific terms for wider participation	No change
10	NA	NA	Please clarify Compressor/Turbine	Ventilator working on compressed air is required. Turbine based ventilator not required. Air compressor not required with the ventilator as central air pipeline for compressed air is available.
11	NA	Suggested by Bidder	High Flow Oxygen Therapy (0-80 lpm) Justification: All these parameters are essential for faster weaning and reduce ventilator dependency.	Not considered
12	NA	Suggested by Bidder	Advance Modes like ASV / NAVA/ PPS or equivalent Justification: All these parameters are essential for faster weaning and reduce ventilator dependency.	Not considered
13	NA	Suggested by Bidder	Volumetric Capnography with dead space calculations, Vd/Vdi , Co2 wash out etc Justification: All these parameters are essential for faster weaning and reduce ventilator dependency.	Not considered
14	NA	Suggested by Bidder	Spontaneous Breathing Trial and Stress index monitoring Justification: All these parameters are essential for faster weaning and reduce ventilator dependency.	Not considered

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15	NA	Suggested by Bidder	Auto PEEP, occulstion pressure , RSBI , WOB Justification: All these parameters are essential for faster weaning and reduce ventilaytor dependancy.	Not considered