

Subject: Purchase of ICU Ventilator- 2 no's

(SURGICAL ICU)

RIMS  
15/11/2018

Technical specifications for "ICU Ventilator"	Approx. quantity	Basic rate per unit (in INR)	% of GST	Total cost
<p>Should have in built PSV and CPAP modes.</p> <p>Should also have spontaneous ventilation with pressure support and PEEP applicable to non- invasive (NIV) with safety mode.</p> <p>Should have backup ventilation in case of apnea during spontaneous mode of ventilation.</p> <p>The unit should be able to provide the following parameters:-</p> <p>Tidal volume up to 1000ml or more</p> <p>Respiratory rate up to 40/min. or more</p> <p>PEEP 0 to 20cm H2O or more</p> <p>Pressure support 0 to 25cm H2O</p> <p>Inspiratory trigger up to 4cm H2O</p> <p>FiO2 20 to 100%</p> <p>Flow rate: peak flow of 100L/min or more</p> <p>It should have the following alarms with audio, visual and with display for: Ppeak, PEEP, MVi, MVe, VT, I:E, inspiratory rise time, FiO2, Set RR, actual RR, SpO2, Pulse rate.</p> <p>Should have indicator for battery charge level, on AC/battery indicator Pmax, Fmax, patient disconnection and power failure.</p>	02 Nos			

*P. Singh*  
19/11/2018

*A. Singh*  
19/11/2018

*Arora*  
19/11/18

*Sharma*  
19/11/2018

<p>Should have inbuilt battery backup of 4 hrs minimum and external battery backup of 10 to 15 hrs.</p> <p>Should be able to function at power supply: AC (100-240V,50-60Hz) DC (10-26 V,5-10A)</p> <p>Should have ability to display patient's expiratory parameters.</p> <p>Should have able to display at least 48 hrs trends in the memory.</p> <p>Should not occupy much space and it should be portable, easily maneuverable and weight should preferably be less than 6 kg.</p> <p>System should have at least two years Guarantee/Warrantee.</p> <p>Should provide reusable connecting tubes at least two in number.</p> <p>Should provide humidifier along with ventilator.</p>				
--	--	--	--	--

*[Signature]*  
19/11/2018

*[Signature]*

*[Signature]*  
19/11/2018

*[Signature]*  
19/11/18

*[Signature]*  
19/11/2018