

RA Document

RA Details	
RA Technical End Date/Time	20-07-2020 14:00:00
RA Opening Date/Time	20-07-2020 14:30:00
RA Life Cycle (From Publish Date)	90 (Days)
RA Offer Validity (From End Date)	30 (Days)
Ministry/State Name	Delhi
Department Name	Health And Family Welfare Department Delhi
Organisation Name	N/a
Office Name	Ambedkar Nagar Hospital Dakshin Puri Delhi 110062
Total Quantity	2
Item Category	Portable Ventilator
MSE Exemption for Years of Experience and Turnover	No
Startup Exemption for Years of Experience and Turnover	No
Inspection Required	No

EMD Detail

Required	No
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ePBG Detail

Required	No
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Splitting

RA splitting not applied.

Portable Ventilator (2 pieces)

Technical Specifications

[* As per GeM Category Specification](#)

Specification	Specification Name	Values	Bid Requirement (Allowed Values)
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Standards	UMDNS Code	18-098	*
	Certifications for the product	-	*
	Certification number and date	-	*
	Conformity to quality management standards	ISO 9001 & ISO 13485	*
	Conformity to electrical safety standards	IEC 60601-1 or ISO 80601-2-12 or BIS equivalent	*
	Vibration resistance certification	EN 794-3	EN 794-3, Not available
	Aviation Standards:	Should have airworthiness as per RTCA DO-160D aviation standards	Should have airworthiness as per RTCA DO-160D aviation standards, NA in case not compatible for air craft use
Performance Parameters	Scope of item	Portable transport ventilators are defined as mechanical ventilators that are specifically designed to facilitate intrahospital and/or interfacility transport of ventilated patients. These devices are relatively small and lightweight, and can be hand-carried if necessary during transport. Transport ventilators may provide basic or advanced modes of ventilation for neonatal, pediatric, and/or adult patients	*
	Clinical application	Portable transport ventilators are designed to take the place of manual ventilation or "bagging" during emergency or transport situations	*
	Patient type	Adult & pediatric	Adult & pediatric, Pediatric and neonatal
	Tidal volume in ml	50 ml or less - 1500 ml or more	50 ml or less - 1500 ml or more
	Respiration rate, breaths/min	Upto 80	*

	Trigger mechanism	Pressure or flow	*
	FiO2 %	21-100	*
	Inspiratory flow rate, L/min	Upto 120	*
	Inspiratory pressure, cm H2O	Upto 50	*
	IE ratio	1:3 to 1:1	1:3 to 1:1
	PEEP/CPAP, cm H2O	0-20	*
	Pressure support, cm H2O	Upto 35 or more	*
	Panel lock	Yes	*
Operating modes	Assist/control modes	A/C volume breaths and A/C pressure breaths	*
	SIMV modes	SIMV volume breaths , SIMV pressure breaths, Spontaneous/CPAP mode , CPAP pressure support , Non-invasive ventilation , Apnea-backup vent mode	*
	Monitored/ Displayed Parameters	Peak inspiratory pressure, Mean airway pressure, PEEP pressure, Tidal volume, Minute volume, FiO2, Respiratory rate, Inspiratory time, Expiratory time, IE ratio	*
	Patient Alarms	Low/high FiO2, Low/high minute volume , Low inspiratory pressure , High pressure, Low PEEP , High PEEP , Apnea, Continuous high pressure/occlusion, Inverse IE, High respiratory rate, Breathing circuit disconnect	*
	Equipment Alarms	Gas-supply failure , Power failure, Vent inoperative, Low battery, Self-diagnostic	*
	Type of display	LED	LCD, LED, TFT
	Size of display in inches	5.5	*
Patient Transport Capability	Mounting of the equipment	Rail mounted	Rail mounted, Trolley mounted

	Rail mount or trolley mount should be of the same OEM	Yes	*
	Hand carrying during transport	Yes	*
	MRI compatibility of equipment	Yes	Yes, No
	Magnetic field strength , T	3 T	3 T, NA for non MRI compatible
	Guass line restriction in G (in case of non MRI compatible put NA)	-	*
	Built in air source	Air compressor	Air compressor, Turbine
	Should work with	External high pressure source/cylinders and low flow Oxygen supply	*
	Power source	Mains and battery operated	Mains and battery operated
	Battery type	Li-ion	*
	Should be able to work with car / ambulance battery	Yes	Yes
	Power supply	NA for battery operated	220-240 V , 50 Hz AV single phase, NA for battery operated
	Operating time in hrs	More than 5 hrs	More than 5 hrs
	Weight (including battery) in kgs	5.6	*
	Warranty in years	5	3, 5
Additional Accessories	Reusable silicon breathing circuits	2 adult, 2 pediatric , 2 neonatal	2 adult, 2 pediatric , 2 neonatal
	NV mask	2 adult, 2 pediatric , 2 neonatal	1 Adult, 1 pediatric, 1 neonatal, 2 adult, 2 pediatric , 2 neonatal
	Length of Power cord in m	3 m	*
	Charging adapter to be supplied	Yes	*
Reports	Number of supplies in Central /State/PSU Govt Hospitals (Hint: Seller should supply a performace certificate of the device to the buyer incase demanded after placement of order)	>3	*

OEM/Reseller (if supplied by reseller shall ensure uninterrupted availability of all spares for 10 years)	Yes	*
Availability of toll free facility for technical support maintained by OEM or authorized agencies	Yes	*
User/Technical/Maintenance manuals to be supplied in English in hard and soft copy	Yes	*
Demonstration of equipment and training to be provided after completing supplies before acceptance	Yes	*
The Principal Manufacturer must have direct Presence/approved service center In India	Yes	*
Copies of reports and certifications to be furnished to buyer on demand at time of supplies	Yes	*

* Specifications highlighted in bold are the Golden Parameters.

* Bidders may note that In respect of non-golden Parameters, the specifications 'Values' chosen by Buyer will generally be preferred over 'Bid requirement (allowed Values) by the Buyer.

Additional Specification Documents

Consignee/Reporting Officer and Quantity

S.No.	Consignee/Reporting Officer	Address	Quantity	Delivery Days	
1	Sudhir Kumar	110062, AMBEDKAR NAGAR HOSPITAL, DAKSHIN PURI, NEW DELHI	2	2	

Bid Specific Additional Terms and Conditions

- Provisions for workmen compensation, insurance, public liability, property damage, insurance etc. to be ensured by the contractor. Also, safety measures prescribed for working in Extra High Voltage & use of personnel protective equipment must be adhered to.

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

---Thank You---