

Bid Document

Bid Details	
Bid End Date/Time	23-07-2020 15:00:00
Bid Opening Date/Time	23-07-2020 15:30:00
Bid Life Cycle (From Publish Date)	90 (Days)
Bid Offer Validity (From End Date)	80 (Days)
Ministry/State Name	Ministry Of Power
Department Name	Na
Organisation Name	Ntpc Limited
Office Name	Ssc Nr Vindhyachal
Total Quantity	1
Item Category	Portable Ventilator
MSE Exemption for Years of Experience and Turnover	No
Startup Exemption for Years of Experience and Turnover	No
Document required from seller	Certificate (Requested in ATC), OEM Authorization Certificate *In case any bidder is seeking exemption from Experience / Turnover Criteria, the supporting documents to prove his eligibility for exemption must be uploaded for evaluation by the buyer
Bid to RA enabled	No
Inspection Required	No

EMD Detail

Required	No
----------	----

ePBG Detail

Required	No
----------	----

Splitting

Bid splitting not applied.

Portable Ventilator (1 pieces)

Technical Specifications

[* As per GeM Category Specification](#)

Specification	Specification Name	Values	Bid Requirement (Allowed Values)
---------------	--------------------	--------	----------------------------------

Standards	UMDNS Code	18-098	*
	Certifications for the product	-	*
	Certification number and date	-	*
	Confirmity to quality management standards	ISO 9001 & ISO 13485	*
	Confirmity to electrical safety standards	IEC 60601-1 or ISO 80601-2-12 or BIS equivalent	*
	Vibration resistance certification	Not available	Not available
	Aviation Standards:	NA in case not compatible for air craft use	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
	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	TFT	TFT
	Size of display in inches	5.5	*
Patient Transport Capability	Mounting of the equipment	Trolley mounted	Trolley mounted
	Rail mount or trolley mount should be of the same OEM	Yes	*
	Hand carrying during transport	Yes	*
	MRI compatibility of equipment	No	No
	Magnetic field strength , T	NA for non MRI compatible	NA for non MRI compatible
	Guass line restriction in G (in case of non MRI compatible put NA)	-	*
	Built in air source	Turbine	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	No	No
	Power supply	220-240 V , 50 Hz AV single phase	220-240 V , 50 Hz AV single phase
	Operating time in hrs	More than 3 hrs	More than 3 hrs
	Weight (including battery) in kgs	5	*
	Warranty in years	5	5
Additional Accessories	Reusable silicon breathing circuits	1 Adult, 1 pediatric, 1 neonatal	1 Adult, 1 pediatric, 1 neonatal
	NV mask	1 Adult, 1 pediatric, 1 neonatal	1 Adult, 1 pediatric, 1 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 performance 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

Consignees/Reporting Officer and Quantity

S.No.	Consignee/Reporting Officer	Address	Quantity	Delivery Days
1	Badri Narayanan Jha	231222,Central Stores, C&M SSTPS NTPC Shaktinagar Distt Sonebhadra UP 231222	1	60

Bid Specific Additional Terms and Conditions

- 1.Scope of supply (Bid price to include all cost components) : Supply Installation Testing and Commissioning of Goods
- 2.Purchase preference to Micro and Small Enterprises (MSEs): Purchase preference will be given to MSEs as defined in Public Procurement Policy for Micro and Small Enterprises (MSEs) Order, 2012 dated 23.03.2012 issued by Ministry of Micro, Small and Medium Enterprises and its subsequent Orders/Notifications issued by concerned Ministry. If the bidder wants to avail the Purchase preference, the bidder must be the manufacturer of the offered product in case of bid for supply of goods. Traders are excluded from the purview of Public

Procurement Policy for Micro and Small Enterprises. In respect of bid for Services, the bidder must be the Service provider of the offered Service. Relevant documentary evidence in this regard shall be uploaded along 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 L-1+ 15% of margin of purchase preference /price band defined in relevant policy, such Seller shall be given opportunity to match L-1 price and contract will be awarded for percentage of 100% of total value.

3. Preference to Make In India products (For bids less than 200 Crore): Preference shall be given to Class 1 local supplier as defined in public procurement (Preference to Make in India), Order 2017 as amended from time to time and its subsequent Orders/Notifications issued by concerned Nodal Ministry for specific Goods/Products. The minimum local content to qualify as a Class 1 local supplier is denoted in the bid document 50%. If the bidder wants to avail the Purchase preference, the bidder must upload a certificate from the OEM regarding the percentage of the local content and the details of locations at which the local value addition is made along with their bid, failing which no purchase preference shall be granted. In case the bid value is more than Rs 10 Crore, the declaration relating to percentage of local content shall be certified by the statutory auditor or cost auditor, if the OEM is a company and by a practicing cost accountant or a chartered accountant for OEMs other than companies as per the Public Procurement (preference to Make-in -India) order 2017 dated 04.06.2020. Only Class-I and Class-II Local suppliers as per MII order dated 4.6.2020 will be eligible to bid. Non - Local suppliers as per MII order dated 04.06.2020 are not eligible to participate. In case Buyer has selected Purchase preference to Micro and Small Enterprises clause in the bid, the same will get precedence over this clause.
4. Availability of Service Centres: Bidder/OEM must have a Functional Service Centre in the State of each Consignee's Location in case of carry-in warranty. (Not applicable in case of goods having on-site warranty). If service center is not already there at the time of bidding, successful bidder / OEM shall have to establish one within 30 days of award of contract. Payment shall be released only after submission of documentary evidence of having Functional Service Centre.
5. Dedicated /toll Free Telephone No. for Service Support : BIDDER/OEM must have Dedicated/toll Free Telephone No. for Service Support.
6. Escalation Matrix For Service Support : Bidder/OEM must provide Escalation Matrix of Telephone Numbers for Service Support.

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

---Thank You---