Bid Number: GEM/2020/B/713127
Dated: 16-07-2020

Bid Document

Bid Details	
Bid End Date/Time	27-07-2020 15:00:00
Bid Opening Date/Time	27-07-2020 15:30:00
Bid Life Cycle (From Publish Date)	90 (Days)
Bid Offer Validity (From End Date)	30 (Days)
Ministry/State Name	Madhya Pradesh
Department Name	Public Health And Family Welfare Department Madhya Pradesh
Organisation Name	N/a
Office Name	7652241240
Total Quantity	2
Item Category	Ventilator
Bidder Turnover (Last 3 Years)	5 Lakh (s)
OEM Average Turnover (Last 3 Years)	35 Lakh (s)
Experience Criteria	3 Year (s)
MSE Exemption for Years Of Experience and Turnover	Yes
Startup Exemption for Years of Experience and Turnover	No
Document required from seller	Experience Criteria,Past Performance,Bidder Turnover,Certificate (Requested in ATC),OEM Authorization Certificate,OEM Annual Turnover *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
Past Performance	80 %
Bid to RA enabled	No
Inspection Required	No

EMD Detail

Required	No

ePBG Detail

Required	No

Splitting

Bid splitting not applied.

1. Experience Criteria: In respect of the filter applied for experience criteria, the Bidder or its OEM {themselves or

through reseller(s)} should have regularly, manufactured and supplied same or similar Category Products to any Central / State Govt Organization / PSU / Public Listed Company for number of years as indicated in the bid document before the bid opening date. Copies of relevant contracts to be submitted along with bid in support of having supplied some quantity during each of the year. In case of bunch bids, the category of primary product having highest value should meet this criterion.
2. OEM Turn Over Criteria: The minimum average annual financial turnover of the OEM of the offered product during the last three years, ending on 31st March of the previous financial year, should be as indicated 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 the turnover details for the relevant period shall be uploaded with the bid. In case the date of constitution / incorporation of the OEM 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.
3. Past Performance: The Bidder or its OEM {themselves or through re-seller(s)} should have supplied same or similar Category Products for 80% of bid quantity, in at least one of the last three years before the bid opening date to any Central / State Govt Organization / PSU / Public Listed Company. Copies of relevant contracts (proving supply of cumulative order quantity in any one year) to be submitted along with bid in support of quantity supplied in the relevant year. In case of bunch bids, the category related to primary product having highest bid value should meet this criterion.

Ventilator (2 pieces)

Technical Specifications

* As per GeM Category Specification

Specification	Specification Name	Values	Bid Requirement (Allowed Values)
Certifications	Certifications for the product	-	*
	Certificate 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	*
Performance Parameters	Purpose	Ventilators used to provide invasive ventilation (e.g., with an endotracheal tube or tracheostomy tube) or noninvasive ventilation (e.g., with a face mask). This device provide temporary or permanent respiration for patients who cannot breathe on their own, or who require assistance maintaining adequate ventilation	*
	Suitable for ICU	Yes	*
	Patient type	Adult & pediatric	*
	Type of technology	Compressor	*
	If technology is compressor based	Compressor should be standalone	*
	Tidal volume	50 ml or less - 1500 ml or more	*
	Peak Respiratory rate in breaths/min	180	*
	Trigger mechanism	Both pressure and flow	*

	Trigger flow sensitivity	1 to 10 LPM	*
	Peak flow rate , LPM	240	*
	FiO2	21-100%	*
	IE ratio	1:4 to 4:1	*
	PEEP/CPAP, cm H2O (increments of 1cm H2O)	0-30	*
	Programmable/adjustable sign	Yes	*
	Ventilation monitoring facility	Microprocessor Controlled ventilator with active exhalation valve	*
	Leak volume compensation	Yes	*
	Volume accuracy	2-3% of full scale between 10 to 80 LPM	*
	Inspiratory time	0.3 to 2.5 sec	*
	Pressure support	0-40 cm H2O	*
	Inspiratory pause	Yes	*
	Auto 100% Increase O2 button	Yes	*
	Control panel lock	Yes	*
	Facility for double lung ventilation	No	*
	Undergo Automatic calibration system on start up	Yes	*
Modes and Monitored Parameters	Loops displayed	Flow/Volume, Pressure/Volume, Pressure/Flow	*
	Graphic display have automatic scaling facility for waves	Yes	*
	Maximum trending time	24	*
	Lung recruitment tools (PV loops)/OLT(Open lung tools)	Yes	*
	Lung mechanics visualization tool	Yes	*
	Capnography/CO2 monitoring	No	*
	Esophageal/transpulmonary pressure monitoring	Yes	*
	Stress index	No	*
	Modes of ventilation	Volume controlled, Pressure Controlled, Pressure Support, SIMV with Pressure support ,SIMV with volume control with pressure support, ,CPAP/PEEP,Inverse Ratio Ventilation,Non invasisve ventilation,Apnea /back up ventilation,SIMV (VC) with Pressure support; SIMV (PC) with Pressure Support; SIMV (PRVC) with Pressure Support, Bi-phasic	*

	ASV(Adaptive support ventilation) ALT	Yes	*
	APRV	Yes	*
	MMV +PSV /ASV or ALPV or Automode	Yes	*
	Automatic weaning mode	Yes	*
	Displayed parameters	Respiratory phase and type, Exhaled tidal & minute volume, Peak inspiratory pressure , Mean airway pressure, PEEP , Tidal volume, Leak volume, Minute volume, Spontaneous minute volume, FiO2 (analyzed %), Respiratory rate , Inspiratory time, Expiratory time, IE ratio, mean & Plateau Pressure	*
	RSBI	No	*
	Static compliance and resistance	Yes	*
	Low inflection point (LPI) and upper inflection point (UPI)	No	*
Alarms	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	*
	Non-forced Slow Vital Capacity	No	*
	Physiologic Dead space	No	*
	Imposed work of Breathing (WOBi)	No	*
	Expiratory Time constant (Tcexp)	Yes	*
	Compliance static and dynamic	Yes	*
	Inspired and expired resistance	Yes	*
	Inspiratory and expiratory hold	Yes	*
	Spontaneous frequency	Yes	*
	Expiratory block is autoclavable and no routine calibration required	Yes	*
	Power disconnected	Power supply unplugged	*
	Patient Disconnected	"PIP < (Desired Pressure x	*

		0.6)"	
	High Inspiratory Pressure	"PIP < (Desired Pressure x 0.6)"	*
	High PEEP	"PEEP > Set PEEP + 2 or 6 Consecutive cycles"	*
	High Respiratory Rate	RR > 70	*
	Power Sensor Failure	Power sensor fails to respond	*
	Ventilator Temperature Error	The core temperature of ventilator CPU greater than 85 °C	*
	System Failure (Safe Mode)	"Vital components inactive"	*
	Low Tidal Volume	VTi < Set VT * 0.75 for 6 consecutive cycles	*
	Alarm history >100 alarms or minimum 16 alarms /event	Yes	*
	Time for Displayed Trends Values	48 hours	*
Power requirement and data management	RS 232 output port	Yes	*
	USB/Memory card	Yes	*
	Availability of Remote alarm/display port	Yes	*
	Facility to Report (vent alarms and patient status)	Yes	*
	HLT Compliant out put	Yes	*
	Type of colored display	TFT	*
	Display should be touch screen	Yes	*
	Size of screen	10 inch or more	*
	Power supply	220-240 V , 50 Hz AC single phase	*
	Length of Power cord	3	*
	Provision of UPS	No	*
	Battery backup time (tolerance of 30 minutes minus and plus side allowed)	4	*
	Type of battery	Lithium - ion	*
	Power of battery in watt/hr	60	*
	Programmable ultrasonic nebulizer	External	*
Additional Accessories	Patient tubing for Adult and pediatric	2 each	*
	NIV mask(Re usable)-medium and large	2 Each	*
	Type of flow sensor	Reusable	*
	No of reusable flow sensor	2	*
	No of disposable flow sensor	NA for reusable	*
	Autoclavable exhalation	2	*

	valve/expiratory casette / filter		
	Humidifier: Servo controlled with digital monitoring of inspired gas temperature with heating wire and arm holder	NA	*
	Trolley for ventillator with circuit holding arm	Yes	*
	Test lung for adult and pediatric	1 Each	*
Miscellaneous Parameters	**Comprehensive Warranty**	5	5.0
	Compressor certification	EU CE	*
	Compressor shall provide an oil free Medical air, with Peak output flow and Air quality complying with ISO compressed air purity class	Yes	*
	Medical Air Compressor should automatically activate in the event of wall air supply loss and replacement of internal filters should be performed without removing the compressor, have washable air filter	Yes	*
	Compressor should be from same manufacturer or OEM	Yes	*
	Certification to supply the spare parts	OEM/Reseller (if supplied by reseller shall ensure uninterputed availabilty of all spares for 10 years)	*
	Availabilty of toll free facility for technical support maintened by OEM or authorised agencies	Yes	*
	User/Technical/Maintenance manuals to be supplied in English in hard and soft copy	Yes	*
	Details of equipments and procedures required for local calibration and routine maintenance to be supplied and advanced maintenance task documentation also to be furnished	Yes	*
	List of spares	List of important spares and accessories, with their part numbers and price lists to be supplied to the buyer at the time of supplying the equipment	*
	Installation and training	Installation of equipment and training to be provided after completing supplies before acceptance	*
	Service Center (24x7	The Principal Manufacturer	*

	service)	must have direct Presence/approved service center In India	
	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	Atul Kumar Singh	484001,KUSHA BHAU THAKARE JILA CHIKITSALAY SHAHDOL	2	15

Special terms and conditions for category Ventilator

1. (i) Comprehensive warranty: Comprehensive warranty shall include preventive maintenance including calibration as per technical/ service /operational manual of the manufacturer, service charges and spares,. During the warranty period commencing from date of the successful completion of warranty period, Service personnel shall visit each consignee site as recommended in the manufacturer’s technical/ service /operational manual, at least once in six months. warranty shall not be including the consumables .Further there will be 98% uptime warranty during warranty period on 24 (hrs) X 7 (days) X 365 (days) basis, with penalty, to extend warranty period by double the downtime period.(ii) Service centres: Details of Service outlets in India to render services for equipment to be furnished to buyer/consignees with complete address ,telephone numbers, e mails etc at time of making the supplies .It shall be the responsibility of seller to ensure that authorized service centres are available to cater to the areas where supplies are made within reasonable distance from where the service calls can be handled .Details of toll free numbers for service call and online registration of service requests also to be provided buyer/consignee at the time of supplies.(iii) Source of supply: It shall be responsibility of seller to provide Documents regarding source of equipments such as copy of Performa invoice or any other documents to establish that the products supplied are manufactured by OEM indicated and sourced from them .(iv) Packing and Marking: Medical equipments being very delicate and sensitive packing for the goods should be strong and durable enough to withstand transit including transhipment (if any), rough handling, open storage etc. without any damage, deterioration etc. .The size, weights and volumes of the packing cases, remoteness of the final destination of the goods, availability or otherwise of transport and handling facilities at all points during transit up to final destination,. Quality of packing, the manner of marking within & outside the packages and provision of accompanying documentation shall take in to consideration the type of medical equipments being supplied. The accessories shall be suitably labelled and packed .Each of the package shall be marked on three sides with indelible paint of proper quality: indicating contract number and date , brief description of goods including quantity ,. Packing list reference number , country of origin of goods and any other relevant details.(v) Spare Parts: Seller shall provide materials, information etc. pertaining to spare parts manufactured and supplied by the OEM . It shall be ensured that the required spares are available for purchase at least for 10 years from date of supplies .In case due to any reasons the production of the spare parts is discontinued sufficient advance notice should be given to the buyer/consignee before such discontinuation to provide adequate time to purchase the required spare parts etc. Further, OEM and their service centres/dealers shall carry sufficient inventories to assure ex-stock supply of consumables and spares for the equipments so that the same are available.OEM or reseller shall always accord most favoured client status to the buyer/consignee and shall give the most competitive price for spares and consumables of its machines/equipments supplied(vi) Installation, Training, Manuals: Seller shall be responsible to carry out Installation & commissioning, Supervision and Demonstration of the goods. They shall provide required jigs and tools for assembly, minor civil works for the completion of the installation and Training of Consignee’s representatives for operating and maintaining the equipment and Supplying required number of operation & maintenance manual for the goods. In case the category parameters are specifying any requirements regarding the installations , training and manuals the same shall also be applicable.(vii) Electrical safety checking: Sellers are required to make sure that they furnish the list of equipments for carrying out routine and preventive maintenance to buyer/consignee .They should make sure to periodically check the electrical safety aspects as per BIS Safety Standards or equivalent .In case they do not have required equipment for such testing should ensure that the equipments checked for electrical safety compliance through labs with facilities for such checking during every preventive maintenance call.(viii) Software: All software updates should be provided free of cost during warranty period

Bid Specific Additional Terms and Conditions

1. **Bidder financial standing:** The bidder should not be under liquidation, court receivership or similar proceedings, should not be bankrupt. Bidder to upload undertaking to this effect with bid.
2. **Consortium:** In case of Contracts, wherein the seller alone does not have necessary expertise, the seller can form consortium with other sellers for submission of the bid, with one of the consortium company as leader. However, each and every member of the consortium shall be equally responsible for the complete execution of the project contract. An undertaking to this effect is to be uploaded with bid.
3. **End User Certificate:** Wherever Bidders are insisting for End User Certificate from the Buyer, same shall be provided in Buyer's standard format only.
4. Bidder Turn Over Criteria: 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 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 the 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.
5. OEM Turn Over Criteria: The minimum average annual financial turnover of the OEM of the offered product during the last three years, ending on 31st March of the previous financial year, should be as indicated 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 the turnover details for the relevant period shall be uploaded with the bid. In case the date of constitution / incorporation of the OEM 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. In case of bunch bids, the OEM of CATEGORY RELATED TO primary product having highest bid value should meet this criterion.
6. IMPORTED PRODUCTS: In case of imported products, OEM or Authorized Seller of OEM should have a registered office in India to provide after sales service support in India. The certificate to this effect should be submitted.
7. Bid reserved for Make In India products: Procurement under this bid is reserved for purchase from Class 1 local suppliers 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%. All bidders 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 the bid is liable to be rejected. 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 . In case Buyer has selected Purchase preference to Micro and Small Enterprises clause in the bid, the same will get precedence over this clause.
8. Indian suppliers of this item are not allowed to participate and/ or compete in procurement by some foreign governments. Bidders / products from such countries are not eligible / not allowed to participate in this bid in terms of clause 1 (d) of Public Procurement (Preference to Make in India) Order, 2017
9. Procurement under this bid is reserved for purchase from Micro and Small Enterprises whose credentials are validated online through Udyog Aadhaar for that product category. If the bidder wants to avail the reservation benefit, 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.
10. 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.
11. 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.
12. Dedicated /toll Free Telephone No. for Service Support : BIDDER/OEM must have Dedicated/toll Free Telephone No. for Service Support.
13. Escalation Matrix For Service Support : Bidder/OEM must provide Escalation Matrix of Telephone Numbers for

Service Support.

14. 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.
15. ISO 9001: The bidder must have ISO 9001 certification.
16. Material Test Certificate Should Be Sent Along with The Supply. The Material Will Be Checked by Buyer's Lab & the Results of the Lab will be the Sole Criteria for Acceptance of the Item.
17. 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.

This Bid is also governed by the General Terms and Conditions

---Thank You---