Bid Number: GEM/2021/B/1387828
Dated: 27-07-2021

Bid Document

Bid Details	
Bid End Date/Time	02-08-2021 14:00:00
Bid Opening Date/Time	02-08-2021 14:30:00
Bid Life Cycle (From Publish Date)	90 (Days)
Bid Offer Validity (From End Date)	30 (Days)
Ministry/State Name	Rajasthan
Department Name	Medical Health And Family Welfare Department Rajasthan
Organisation Name	N/a
Office Name	Chief Medical Health Office Kota
Total Quantity	2
Item Category	ICU Ventilator
Minimum Average Annual Turnover of the Bidder	15 Lakh (s)
OEM Average Turnover (Last 3 Years)	120 Lakh (s)
Years of Past Experience required	2 Year (s)
MSE Exemption for Years Of Experience and Turnover	Yes
Startup Exemption for Years Of Experience and Turnover	Yes
Document required from seller	Experience Criteria,Past Performance,Bidder Turnover,Certificate (Requested in ATC),OEM Authorization Certificate,OEM Annual Turnover,Compliance of BoQ specification and supporting document *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	10 %
Bid to RA enabled	No
Time allowed for Technical Clarifications during technical evaluation	2 Days
Estimated Bid Value	3000000
Evaluation Method	Total value wise evaluation

EMD Detail

Required	No

ePBG Detail

Advisory Bank	ICICI
ePBG Percentage(%)	2.50
Duration of ePBG required (Months).	12

(a). EMD & Performance security should be in favour of Beneficiary, wherever it is applicable.

Beneficiary:
CMHO Kota
chief medical health office kota, Medical Health and Family Welfare Department Rajasthan, N/A,
(Member Secretory Dhs Kota)

Splitting

Bid splitting not applied.

MSE Purchase Preference

MSE Purchase Preference	No

MII Purchase Preference

MII Purchase Preference	No

1. If the bidder is a Micro or Small Enterprise as per latest definitions under MSME rules, the bidder shall be exempted from the requirement of "Bidder Turnover" criteria and "Experience Criteria". If the bidder is OEM of the offered products, it would also be exempted from the "OEM Average Turnover" criteria. In case any bidder is seeking exemption from Turnover / Experience Criteria, the supporting documents to prove his eligibility for exemption must be uploaded for evaluation by the buyer.
2. If the bidder is a Startup, the bidder shall be exempted from the requirement of "Bidder Turnover" criteria and "Experience Criteria". If the bidder is OEM of the offered products, it would also be exempted from the "OEM Average Turnover" criteria. In case any bidder is seeking exemption from Turnover / Experience Criteria, the supporting documents to prove his eligibility for exemption must be uploaded for evaluation by the buyer.
3. 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 above 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.
4. 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 Financial years as indicated above 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 Financial year. In case of bunch bids, the category of primary product having highest value should meet this criterion.
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.
6. Estimated Bid Value indicated above is being declared solely for the purpose of guidance on EMD amount and for determining the Eligibility Criteria related to Turn Over, Past Performance and Project / Past Experience etc.

This has no relevance or bearing on the price to be quoted by the bidders and is also not going to have any impact on bid participation. Also this is not going to be used as a criteria in determining reasonableness of quoted prices which would be determined by the buyer based on its own assessment of reasonableness and based on competitive prices received in Bid / RA process.
7. Past Performance: The Bidder or its OEM {themselves or through re-seller(s)} should have supplied same or similar Category Products for 10% of bid quantity, in at least one of the last three Financial 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 financial year) to be submitted along with bid in support of quantity supplied in the relevant Financial year. In case of bunch bids, the category related to primary product having highest bid value should meet this criterion.

ICU Ventilator (2 pieces)

Brand Type	Registered Brand

Technical Specifications

[* As per GeM Category Specification]

Specification	Specification Name	Bid Requirement (Allowed Values)
Standards	Certifications for the product	Both USFDA and EU CE
	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	**Patient Type**	Adult, pediatric and neonatal
	Type of technology	Turbine, Compressor
	Tidal volume in ml	2 ml or less to 1500 ml or more
	Respiration rate, breaths/min	upto 150 or more
	Trigger mechanism	Both pressure and flow
	Inspiratory flow rate, L/min	upto 120 or more, upto 30 or more, up to 150 or more
	Inspiratory pressure, cm H2O	upto 80 or more
	IE ratio	1:10 to 4:1
	Sigh breath function	Yes
	Control panel lock	Yes, No
	Facility for double lung ventilation	Yes, No
Patient Assessment Tools	Maximum wave forms displayed	3 (Pressure and time, volume and time , flow and time)
	Number of loops	2 loops (P-V, F-V) with facility of saving of 2 Loops for reference, 2 loops (P-V, F-V)
	Lung recruitment tools (PV loops) / OLT (Open lung tools)	Yes, No
	Lung mechanics visualization tool	Yes, No

Specification	Specification Name	Bid Requirement (Allowed Values)
	Capnography/CO2 monitoring	Yes
	Esophageal / transpulmonary pressure monitoring	Yes, No
	Stress index	Yes, 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
	ASV(Adaptive support ventilation) or ALT	Yes
	APRV/Bivent/Bi level	Yes
	MMV +PSV /ASV or ALPV or Automode	Yes
	PRVC/Auto flow	Yes
	High flow oxygen therapy	Yes, No
	Automatic weaning system provided	Yes, No
	Volume Support	Yes
	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	Yes, No
	Physiologic Dead space	Yes, No
	RSBI	Yes, No
	Imposed work of Breathing (WOBi)	Yes, No
	Expiratory Time constant (Tcexp)	Yes, No
	Compliance static and dynamic	Yes
	Inspired and expired resistance	Yes, No
	Occlusion pressure	Yes, No
	Inspiratory and expiratory hold	Yes

Specification	Specification Name	Bid Requirement (Allowed Values)
	Spontaneous frequency	Yes, No
	Total peep, intrinsic peep, extrinsic peep	Yes
	Expiratory block is autoclavable and no routine calibration required	Yes
	Auto compensation for ET Tube	Yes
	Facility for automatic compliance & Leakage compensation for circuit available	Yes
	RS 232 out put port	Yes, No
	USB/Memory card	Yes, No
	HLT Compliant out put	Yes, No
	Type of coloured display	LED, LCD, TFT
	Display should be touch screen	Yes, No
	NIV (Non Invasive Ventilation) to be possible in all modes of ventilation available	Yes
	Size of display (in inches)	12, 15, 17, 18
	Graphic display have automatic scaling facility for waves	Yes, No
	Power supply	220-240 V , 50 Hz AC single phase
	Provision of UPS	Yes
	Backup time in hrs	2
	Built in air source	Air compressor (external), Turbine (In built)
	Availability of stand alone compressor	Yes, No
	Compressor certification	US FDA, European CE, Both European CE and US FDA, BIS
	Compressor shall provide an oil free Medical air, with Peak output flow should be minimum 150 LPM and Air quality complying with ISO compressed air purity class	Yes
	Seller shall ensure compatibility of compressor with ventilator	Yes

Specification	Specification Name	Bid Requirement (Allowed Values)
	Inbuilt nebulizer with particle size less than 3 micron	Yes
	Comprehensive Warranty in years	5, 1, 2, 3, 4
Additional Accessories	**Type of flow sensor**	Reusable
	No of disposable flow sensor	50, 100, NA
	Humidifier: Servo controlled with digital monitoring of inspired gas temperature with heating wire	1
Miscellaneous Parameters	Number of installations 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, >3

Additional Specification Parameters - ICU Ventilator (2 pieces)

Specification Parameter Name	Bid Requirement (Allowed Values)
Mode-CPAP/PEEP,PSV (control and volume control) with pressure support+assured tidal volume/guarantee., None invasive ventilation including Nasal cpap for neonates,Should have Apnea/backup ventilation.	Yes
1. Should have trending facility for 24 hours or more, 2. Insp. time should be 0.15 to 3 seconds, 3. Cpap / peep should be 0 to 40 cmH2O,	Yes
1. FIO2 should be 21 to 100, 2. Pause time 0 to 2 second, 3. Flow trigger should be 0.2 to 15 lpl.	Yes
Ventilator should be supplied with both oxygen regulators and oxygen wall mount connectors as per installation site.	Yes

Specification Parameter Name	Bid Requirement (Allowed Values)
Should have advance mode like Nava/ASV or any equilant.	Yes

* Bidders offering must also comply with the additional specification parameters mentioned above.

Consignees/Reporting Officer and Quantity

S.No.	Consignee/Reporting Officer	Address	Quantity	Delivery Days
1	Bhupendra Singh Tanwar	324001,SWASTHYA BHAWAN NAYAPURA	2	15

Special terms and conditions-Version:2 effective from 15-06-2021 for category ICU Ventilator

1.
   - **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 manufacturert1hs 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.
   - **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.
   - **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.
   - **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.
   - **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.
   - **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 Consigneet1hs 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.

- **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.
- Software All software updates should be provided free of cost during warranty period.

Buyer Added 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.

Disclaimer

The additional terms and conditions have been incorporated by the Buyer after approval of the Competent Authority in Buyer Organization. Buyer organization is solely responsible for the impact of these clauses on the bidding process, its outcome and consequences thereof including any eccentricity / restriction arising in the bidding process due to these ATCs and due to modification of technical specification and / or terms and conditions governing the bid. Any clause incorporated by the Buyer such as demanding Tender Sample, incorporating any clause against the MSME policy and Preference to make in India Policy, mandating any Brand names or Foreign Certification, changing the default time period for Acceptance of material or payment timeline governed by OM of Department of Expenditure shall be null and void and would not be considered part of bid. Further any reference of conditions published on any external site or reference to external documents / clauses shall also be null and void. If any seller has any objection / grievance against these additional clauses or otherwise on any aspect of this bid, they can raise their representation against the same by using the Representation window provided in the bid details field in Seller dashboard after logging in as a seller within 4 days of bid publication on GeM. Buyer is duty bound to reply to all such representations and would not be allowed to open bids if he fails to reply to such representations.

This Bid is also governed by the General Terms and Conditions

In terms of GeM GTC clause 26 regarding Restrictions on procurement from a bidder of a country which shares a land border with India, any bidder from a country which shares a land border with India will be eligible to bid in this tender only if the bidder is registered with the Competent Authority. While participating in bid, Bidder has to undertake compliance of this and any false declaration and non-compliance of this would be a ground for immediate termination of the contract and further legal action in accordance with the laws.

---Thank You---