

बिड दस्तावेज़ / Bid Document

बिड विवरण/Bid Details	
बिड बंद होने की तारीख/समय /Bid End Date/Time	02-04-2026 14:00:00
बिड खुलने की तारीख/समय /Bid Opening Date/Time	02-04-2026 14:30:00
बिड पेशकश वैधता (बंद होने की तारीख से)/Bid Offer Validity (From End Date)	180 (Days)
मंत्रालय/राज्य का नाम/Ministry/State Name	Delhi
विभाग का नाम/Department Name	Health And Family Welfare Department Delhi
संगठन का नाम/Organisation Name	Chacha Nehru Bal Chikitsalaya
कार्यालय का नाम/Office Name	East
कुल मात्रा/Total Quantity	1
वस्तु श्रेणी /Item Category	ICU Ventilators (V2) (Q2)
बिडर का न्यूनतम औसत वार्षिक टर्नओवर (3 वर्षों का) /Minimum Average Annual Turnover of the bidder (For 3 Years)	15 Lakh (s)
उन्हीं/समान सेवा के लिए अपेक्षित विगत अनुभव के वर्ष/Years of Past Experience Required for same/similar service	2 Year (s)
एमएसएमई के लिए अनुभव के वर्षों और टर्नओवर से छूट प्रदान की गई है/MSE Relaxation for Years of Experience and Turnover	No
स्टार्टअप के लिए अनुभव के वर्षों और टर्नओवर से छूट प्रदान की गई है /Startup Relaxation for Years of Experience and Turnover	No
विक्रेता से मांगे गए दस्तावेज़/Document required from seller	Experience Criteria,Bidder Turnover,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
क्या आप निविदाकारों द्वारा अपलोड किए गए दस्तावेज़ों को निविदा में भाग लेने वाले सभी निविदाकारों को दिखाना चाहते हैं? संदर्भ मेनू है/Do you want to show documents uploaded by bidders to all bidders participated in bid?	Yes (Documents submitted as part of a clarification or representation during the tender/bid process will also be displayed to other participated bidders after log in)

बिड विवरण/Bid Details	
बिड लगाने की समय सीमा स्वतः नहीं बढ़ाने के लिए आवश्यक बिड की संख्या। / Minimum number of bids required to disable automatic bid extension	1
दिनों की संख्या, जिनके लिए बिड लगाने की समय-सीमा बढ़ाई जाएगी। / Number of days for which Bid would be auto-extended	5
ऑटो एक्सटेंशन अधिकतम कितनी बार किया जाना है। / Number of Auto Extension count	1
बिड से रिवर्स नीलामी सक्रिय किया/Bid to RA enabled	Yes
रिवर्स नीलामी योग्यता नियम/RA Qualification Rule	H1-Highest Priced Bid Elimination
व्यापक रखरखाव शुल्क आवश्यक / Comprehensive Maintenance Charges Required	Yes
बिड का प्रकार/Type of Bid	Two Packet Bid
तकनीकी मूल्यांकन के दौरान तकनीकी स्पष्टीकरण हेतु अनुमत समय /Time allowed for Technical Clarifications during technical evaluation	3 Days
निरीक्षण आवश्यक (सूचीबद्ध निरीक्षण प्राधिकरण /जेम के साथ पूर्व पंजीकृत एजेंसियों द्वारा)/Inspection Required (By Empanelled Inspection Authority / Agencies pre-registered with GeM)	No
अनुमानित बिड मूल्य / Estimated Bid Value	3000000
मूल्यांकन पद्धति/Evaluation Method	Total value wise evaluation
मध्यस्थता खंड/Arbitration Clause	No
सुलह खंड/Mediation Clause	No

ईएमडी विवरण/EMD Detail

एडवाइजरी बैंक/Advisory Bank	State Bank of India
ईएमडी राशि/EMD Amount	60000

ईपीबीजी विवरण /ePBG Detail

एडवाइजरी बैंक/Advisory Bank	State Bank of India
ईपीबीजी प्रतिशत (%) /ePBG Percentage(%)	5.00
ईपीबीजी की आवश्यक अवधि (माह) /Duration of ePBG required (Months).	62

(a). जेम की शर्तों के अनुसार ईएमडी छूट के इच्छुक बिडर को संबंधित केटेगरी के लिए बिड के साथ वैध समर्थित दस्तावेज़ प्रस्तुत करने हैं। एमएसई केटेगरी के अंतर्गत केवल वस्तुओं के लिए विनिर्माता तथा सेवाओं के लिए सेवा प्रदाता ईएमडी से छूट के पात्र हैं। व्यापारियों को इस नीति के दायरे से बाहर रखा गया है।/EMD EXEMPTION: The bidder seeking EMD exemption, must submit the valid supporting document for the relevant category as per GeM GTC with the bid. Under MSE category, only manufacturers for goods and Service Providers for Services are eligible for exemption from EMD. Traders are excluded from the purview of this Policy.

(b).ईएमडी और संपादन जमानत राशि, जहां यह लागू होती है, लाभार्थी के पक्ष में होनी चाहिए। / EMD & Performance security should be in favour of Beneficiary, wherever it is applicable.

लाभार्थी /Beneficiary :

Director
Chacha Nehru Bal Chikitsalaya, Geeta Colony, Delhi-110031
(Director, Cnbc)

बोली विभाजन लागू नहीं किया गया/ Bid splitting not applied.

एमएसई खरीद वरीयता/MSE Purchase Preference

एमएसई खरीद वरीयता/MSE Purchase Preference	No
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एमआईआई खरीद वरीयता/MII Purchase Preference

एमआईआई खरीद वरीयता/MII Purchase Preference	No
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1. 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.

2. Experience Criteria: In respect of the filter applied for experience criteria, the Bidder or its OEM of the product offered in the bid {themselves or through reseller(s)} should have regularly, manufactured and supplied same or similar Category Products to any Central / State Govt Organization / PSU for number of Financial years as indicated above in the bid document before the bid opening date. Copies of relevant contracts and delivery acceptance certificates like CRAC 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.

3. 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.

4. Reverse Auction would be conducted amongst all the technically qualified bidders except the Highest quoting bidder. The technically qualified Highest Quoting bidder will not be allowed to participate in RA. However, H-1 will also be allowed to participate in RA in following cases:

- If number of technically qualified bidders are only 2 or 3.
- If Buyer has chosen to split the bid amongst N sellers, and H1 bid is coming within N.
- In case Primary product of only one OEM is left in contention for participation in RA on elimination of H-1.
- If L-1 is non-MSE and H-1 is eligible MSE and H-1 price is coming within price band of 15% of Non-MSE L-1
- If L-1 is non-MII and H-1 is eligible MII and H-1 price is coming within price band of 20% of Non-MII L-1

ICU Ventilators (V2) (1 pieces)

तकनीकी विशिष्टियाँ /Technical Specifications

* जेम कैटेगरी विशिष्टि के अनुसार / As per GeM Category Specification

विवरण/Specification	विशिष्टि का नाम /Specification Name	बिड के लिए आवश्यक अनुमत मूल्य /Bid Requirement (Allowed Values)
GENERAL	Product Description	ICU Ventilator
PRODUCT INFORMATION	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, up to 150 or more, upto 200 or more
	Inspiratory pressure, cm H₂O	upto 50 or more, upto 80 or more
	IE ratio	1:10 to 4:1, 1:6 to 3:1
	Sigh breath function	Yes
	Control panel lock	Yes
	Facility for double lung ventilation	No
PATIENT ASSESSMENT TOOLS	Number of loops	2 loops (P-V, F-V) with facility of saving of 1 Loops for reference
	Lung recruitment tools (PV loops) / OLT (Open lung tools)	Yes
	Lung mechanics visualization tool	Yes
	Capnography/CO₂ monitoring	Yes
	Esophageal / transpulmonary pressure monitoring	Yes
	APRV(Airway Pressure Release Ventilation) /Bivent/Bi level	Yes
	MMV(Mandatory Minute Ventilation) + PSV (Pressure Support Ventilation) /ASV(Adaptive Support Ventilation) or ALPV(Adaptive Lung Protection Ventilation) or Automode	Yes

विवरण/Specification	विशिष्टि का नाम /Specification Name	बिड के लिए आवश्यक अनुमत मूल्य /Bid Requirement (Allowed Values)
	PRVC(Pressure-Regulated Volume Control ventilation)/Auto flow	Yes, No
	High flow oxygen therapy	Yes
	Automatic weaning system provided	Yes
	Volume Support	Yes, No
	RSBI (Rapid Shallow Breathing Index)	Yes, No
	Expiratory Time constant (Tcexp)	Yes, No
	Compliance static and/or dynamic	Yes
	Inspired and/or expired resistance	Yes
	Occlusion pressure	Yes
	Inspiratory and expiratory hold	Yes
	Spontaneous frequency	Yes
	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
	USB/Memory card	Yes
	Availability of Remote alarm/display port	Yes
	Facility to Report (vent alarms and patient status)	Yes
	HL/7 Compliant out put	Yes
	Type of coloured display	LED/LCD/TFT
	Display should be touch screen	Yes

विवरण/Specification	विशिष्टि का नाम /Specification Name	बिड के लिए आवश्यक अनुमत मूल्य /Bid Requirement (Allowed Values)
	NIV (Non Invasive Ventilation) to be possible in all modes of ventilation available	Yes
	Minimum Size of display (±2%)	12, 15, 17, 18 (inch)
	Graphic display have automatic scaling facility for waves	Yes
HARDWARE AND ELECTRICAL REQUIREMENTS	Provision of UPS	Yes
	Backup time in hrs	2
	Built in air source	Air compressor (external)
	Availability of stand alone compressor	Yes, No
	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
	Nebulizer with particle size less than 3 micron	Yes
ADDITIONAL ACCESSORIES	Humidifier: Servo controlled with digital monitoring of inspired gas temperature with heating wire	1
WARRANTY	Warranty (years)	5 Or higher (year)

व्यापक रखरखाव / Comprehensive Maintenance	
Comprehensive Maintenance (Minimum Percentage)	%
Comprehensive Maintenance (Maximum Percentage)	%
Warranty of required product	5 Year
Comprehensive Maintenance Duration (Post Warranty)	5 Year

*Warranty displayed under the AMC/CMC Details section will supersede the warranty displayed under the catalog specification

Additional Specification Parameters - ICU Ventilators (V2) (1 pieces)

Specification Parameter Name	Bid Requirement (Allowed Values)
Specifications mentioned in "Buyer added bid specific terms and conditions" are final.	Specifications mentioned in "Buyer added bid specific terms and conditions" are final. These specifications will supersede the GeM category specifications. The specifications mentioned in "Buyer added bid specific terms and conditions" will be considered for technical evaluation of the bid.
Demonstration	Onsite Demo of the quoted model of the equipment to be provided by the firm at PICU, CNBC within 15 days from the date PQ/Technical bid opening

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

परेषिती/रिपोर्टिंग अधिकारी तथा मात्रा/Consignees/Reporting Officer and Quantity

क्र.सं./S.No.	परेषिती/रिपोर्टिंग अधिकारी /Consignee Reporting/Officer	पता/Address	मात्रा /Quantity	डिलीवरी के दिन/Delivery Days
1	Priyanka Prasad	110031,Raja Ram Kohli Marg Geeta colony	1	45

Special terms and conditions-Version:1 effective from 15-04-2024 for category ICU Ventilators (V2)

1. All Provisions of Drugs and Cosmetics Act, 1940 and Rules (including Medical Device Rule 2017) made there under as amended till date will always be applicable. This will include all notifications issued by Central Drugs Standard Control Organization (CDSCO), Ministry of Health & Family Welfare (MoHFW) and Department of Pharmaceuticals (DOP), Ministry of Chemicals & Fertilizers time to time in this regard.
2. The sellers are registered on GeM based on the self declaration of valid Medical Device License, product certification, test reports etc. However, buyers must check and validate the details at their end for all applicable licenses and certifications e.g., validity and authenticity/genuineness of Medical Device license, product certification, manufacturer certification/licenses, test reports etc.
3. In case of authorized resellers/distributors, it will be the legal & regulatory liability of the manufacturer to ensure that their resellers/distributors are operating in compliance with all relevant laws and regulations and are properly licensed to sell the manufacturer's products, including verifying the validity and authenticity of Medical Device license held by them.
4. The price offered by the seller/bidder shall not, in any case exceed the DPCO/NPPA controlled price or price fixed by State Government, if any. The seller must reduce the prices if there is any reduction in DPCO/NPPA ceiling price or price fixed by State Government, if any.
5. Any other Terms and Conditions which is not included or at variance with the conditions specified in STC/GTC, may be added by the buyer through Additional Terms and Conditions (ATC) in the bid to ensure items are procured from authentic/validated source with appropriate and applicable quality. The above terms and conditions are in reverse order of precedence i.e. ATC shall supersede specific STC which shall supersede General Terms and Conditions (GTC), whenever there are any conflicting provisions.
6. **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.
7. **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.

8. **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.
9. **Packing and Marking:** Medical equipments being very delicate and sensitive packing for the goods should be strong and durable enough to withstand transit including transshipment (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 into 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.
10. **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.
11. **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.
12. **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.
13. **Software:** All software updates should be provided free of cost during warranty period.

क्रेता द्वारा जोड़ी गई बिड की विशेष शर्तें/**Buyer Added Bid Specific Terms and Conditions**

1. **Service & Support**

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.

2. **Turnover**

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.

3. **Forms of EMD and PBG**

Bidders can also submit the EMD with Account Payee Demand Draft in favour of

Director, CNBC
payable at
Delhi

. Bidder has to upload scanned copy / proof of the DD along with bid and has to ensure delivery of hardcopy to the Buyer within 5 days of Bid End date / Bid Opening date.

4. **Forms of EMD and PBG**

Bidders can also submit the EMD with Fixed Deposit Receipt made out or pledged in the name of A/C

Director, CNBC

. The bank should certify on it that the deposit can be withdrawn only on the demand or with the sanction of the pledgee. For release of EMD, the FDR will be released in the favour of the bidder by the Buyer after making endorsement on the back of the FDR duly signed and stamped along with covering letter. Bidder has to upload scanned copy/ proof of the FDR along with bid and has to ensure delivery of hardcopy to the Buyer within 5 days of Bid End date/ Bid Opening date

5. **Forms of EMD and PBG**

Bidders can also submit the EMD with Banker's Cheque in favour of

Director, CNBC
payable at
Delhi

. Bidder has to upload scanned copy / proof of the BC along with bid and has to ensure delivery of hardcopy to the Buyer within 5 days of Bid End date / Bid Opening date.

6. **Forms of EMD and PBG**

Bidders can also submit the EMD with Payment online through RTGS / internet banking in Beneficiary name

Director, CNBC
Account No.
91352010060829
IFSC Code
CNRB0019135
Bank Name
Canara Bank
Branch address
Geeta Colony, Delhi

. Bidder to indicate bid number and name of bidding entity in the transaction details field at the time of on-line transfer. Bidder has to upload scanned copy / proof of the Online Payment Transfer along with bid.

7. **Generic**

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.

8. **Certificates**

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.

9. **Rate Contract**

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.

10. **Rate Contract**

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.

11. **Generic**

Data Sheet of the product(s) offered in the bid, are to be uploaded along with the bid documents. Buyers can match and verify the Data Sheet with the product specifications offered. In case of any unexplained mismatch of technical parameters, the bid is liable for rejection.

12. **Generic**

Manufacturer Authorization: Wherever Authorised Distributors/service providers are submitting the bid, Authorisation Form /Certificate with OEM/Original Service Provider details such as name, designation, address, e-mail Id and Phone No. required to be furnished along with the bid

13. **Scope of Supply**

Scope of supply (Bid price to include all cost components) : Supply Installation Testing and Commissioning of Goods

14. **Forms of EMD and PBG**

Successful Bidder can submit the Performance Security in the form of Account Payee Demand Draft also (besides PBG which is allowed as per GeM GTC). DD should be made in favour of

Director, CNBC
payable at
Delhi

. After award of contract, Successful Bidder can upload scanned copy of the DD in place of PBG and has to ensure delivery of hard copy to the original DD to the Buyer within 15 days of award of contract.

15. **Forms of EMD and PBG**

Successful Bidder can submit the Performance Security in the form of Fixed Deposit Receipt also (besides PBG which is allowed as per GeM GTC). FDR should be made out or pledged in the name of

Director, CNBC
A/C (Name of the Seller). The bank should certify on it that the deposit can be withdrawn only on the demand or with the sanction of the pledgee. For release of Security Deposit, the FDR will be released in favour of bidder by the Buyer after making endorsement on the back of the FDR duly signed and stamped along with covering letter. Successful Bidder has to upload scanned copy of the FDR document in place of PBG and has to ensure delivery of hard copy of Original FDR to the Buyer within 15 days of award of contract.

16. **Forms of EMD and PBG**

Successful Bidder can submit the Performance Security in the form of Payment online through RTGS / internet banking also (besides PBG which is allowed as per GeM GTC). On-line payment shall be in Beneficiary name

Director, CNBC
Account No.
91352010060829
IFSC Code
CNRB0019135
Bank Name
Canara Bankl

Branch address

Geeta Colony, Delhi

. Successful Bidder to indicate Contract number and name of Seller entity in the transaction details field at the time of on-line transfer. Bidder has to upload scanned copy / proof of the Online Payment Transfer in place of PBG within 15 days of award of contract.

17. **Buyer Added Bid Specific ATC**

Buyer Added text based ATC clauses

Warranty clause

In addition to the term & condition of warranty/CMC defined in the bid, following conditions will also be applicable, further, in case of any mismatch/ambiguity, then conditions mentioned herein will supersede the other conditions as under:-

(a) No conditional warranty will be acceptable. Warranty as well as Comprehensive Maintenance contract will be onsite and inclusive of all spares & reusable accessories and Turnkey work and it will also cover the following wherever applicable:-

- ☐ Any kind of motor & monitors, computer accessories, control panel.
- ☐ All kind of sensors.
- ☐ All kind of coils, electrical circuits, LED, bulb, power cords, wires, all type of cables, hose, reflector, glass/acrylic cover on dome, fuse, filters, probes, servo humidifier with chamber and transducers.
- ☐ Printers and imagers including laser and thermal printers with all parts excluding cartridge.
- ☐ UPS excluding the replacement of batteries.
- ☐ Software updation
- ☐ All accessories except battery.

(b) Contractor shall provide quarterly preventive maintenance service along with annual calibrations with traceability certificate. The firm will provide comprehensive warranty and will repair/replace the defective spare parts/accessories without any additional cost during the warranty/CMC period. All software updates should be provided free of cost during warranty & CMC period.

(c) **Comprehensive Maintenance Contract:** The contractor shall enter into a Comprehensive Maintenance Contract (CMC) compulsorily for a period of (05) five years after the expiry of Standard Comprehensive warranty of five years at the year wise charges quoted in the financial bid. This period of CMC shall cover each and every part of the equipment as mentioned in above – mentioned warranty clause. After the expiry of warranty period, the Charges of CMC shall be payable on quarterly basis upon receipt of claim and after satisfactory performance report from the concerned user incharge.

(d) **After Sales Service:**

After sales service centre should be available in Delhi/NCR for providing round the clock services. Complaints should be attended promptly, maximum within 24 hrs. The service should be provided directly by Bidder/Authorized Agent. Vendor must provide an undertaking by the Principal manufacturer that the spares for

r the equipment shall be available for at least 10 years from the date of supply.

e) **Up time guarantee:** During the Warranty/Guarantee & Comprehensive Maintenance Contract period, the contractor shall maintain the equipment with up time. The contractor shall give a written commitment for 95% up time of the equipment, calculated on annual basis, with penalty 0.1% of equipment cost per day for each day's delay in proper functioning of the unit beyond 5% down time per annum & maximum penalty upto 10% of the total value of order entire warranty period, before releasing performance security at end of the warranty. Thereafter, the similar penalty will be imposed for any excess downtime for maximum upto 10% of the amount cost of CMC. In addition, the vendor will also not be paid the CMC proportionate amount of the excess downtime in the CMC period. Hospital authority reserve the right to forfeit the performance security and also to blacklist the tenderer in participating for future tenders/bids.

Down time should not exceed 72 hours in case of repair and in case of replacement of any part/parts down time should not exceed 05 days at a single stretch and in case downtime exceeds 5 day at a single stretch then it is the responsibility of the firm to provide backup machine from 6th day otherwise firm has to be extend the warranty/CMC period double the number of days for which the equipment got out of service.

Item name: Pediatric High Frequency Oscillatory Ventilator

Description of Function

Provide artificial respiratory support to the critical Infants, Pediatric & Adolescent pts.

1. Operational Requirements

1.1 Microprocessor Controlled ventilator with integrated facility for Ventilation monitoring suitable for Infant to adolescent ventilation.

1.2 Demonstration of the equipment is a must.

2. Technical Specifications of High Frequency Oscillatory Ventilation

2.1 Should provide **High Frequency Oscillatory (HFO)** ventilation for Infants, Pediatric & adolescent patients (Upto 30 kg)

2.2 Settings:

Mean airway pressure 5 to 50 cmH₂O, Amplitude (Delta-P) 5-80 cmH₂O
Frequency 5 to 15 Hz, Inspiratory time 30% to 50%, option of sigh breaths on HFO for lung recruitment

2.3 Displays/Monitors continuously

MAP, Amplitude, Inspiratory time, FiO₂, Frequency

2.4 User selected **Alarms** for

MAP, battery, FiO₂, Oscillations stopped, Power failure

2.5 Active exhalation facility preferable

2.6 With Appropriate type of breathing circuit (compliance & resistance) to effectively deliver High frequency oscillation ventilation

2.7 Amplitude should be adjustable to deliver wiggles upto umbilicus

2.8 Standard hinged arm holder for holding the circuit

2.9 TFT screen, 12 Inch or more Ventilator screen should display graphs/scalars with good contrast (not just line scalars with poor visibility) which should be clearly visible from a reasonable distance in daylight or artificial light.

b. Automatic compliance & Leakage compensation for circuit and ET tube

c. Adequate automatic leak compensation for invasive & non-invasive ventilation both

d. Automatic Humidifier compensation

e. Automatic circuit check for leak, compliance & resistance.

3.3 Humidifier

a. Heated humidifier: It must be USFDA or European CE (Conformité Européenne)/BIS/CDSCO approved.

b. Automatic temperature control

c. Maintain temperature at patient's end around 37 ± 2 °C

d. Should continuously display temperature at patient's end

e. Have the option to see the humidifier chamber temperature

f. Should have ports for single and dual heater wire adaptor

g. Should be supplied with temperature flow probe and heater wire adaptor

h. Humidifier heating plate should be compatible with disposable & reusable breathing circuits

i. Humidifier chamber should display alarm in the event of temperature fluctuation

j. Humidifier should maintain humidity between 33-44 mgH₂O/L

k. Have separate modes for invasive & non-invasive ventilation

3.4 Quick start and no repeated calibration required for starting the ventilation for different age groups (neonatal, pediatric, adult), so that ventilation can be initiated at the earliest.

4. System Configuration Accessories, spares and consumables

4.1 Ventilator

4.2 Paediatric autoclavable silicone breathing circuits with heating wire -2 (1 pediatric/neonatal & 1 adult) per ventilator

4.3 (a) Reusable Masks (Small, Medium, Large) with each machine. -02 sets each per ventilator

4.3 (b) All other Accessories (besides circuits and masks) for non-invasive ventilation - 2 sets per ventilator or

4.4 External Medical Air Compressor of the same company with Low noise

4.5 Cart/Trolley should be supplied.

4.6 Five Reusable Exhalation Flow sensors (if any used/required in the ventilator), to be supplied with each ventilator.

4.7 Ten sets of reusable autoclavable filters (if any used/required with the ventilator) to be supplied with each ventilator.

4.8 Two reusable sets of any other accessory if any required for High Frequency Oscillatory ventilation.

4.9 5. Environmental factors

5.1 The unit shall be capable of being stored continuously in ambient temperature of 0 -50 deg C and relative humidity of 15-90%

5.2 Shall meet IEC-60601-1-2: 2001 (Or Equivalent BIS) General Requirements of Safety for Electromagnetic Compatibility.

5.3 The unit shall be capable of operating continuously in ambient temperature of 10 - 40deg C and relative humidity of 15-90%

6. Power Supply

6.1 Power input to be 220-240VAC, 50Hz

6.2 Suitable Servo controlled Stabilizer/CVT

6.3 Resettable over current breaker shall be fitted for protection

7. Standards, Safety and Training

7.1 Certified to be compliant with ANSI/IEC60601.2.12-01 Medical Electrical Equipment—Part 2-12; Particular Requirements for the Safety of Lung Ventilators—Critical Care Ventilators

7.2 Ventilator must be USFDA and European CE (Conformité Européenne) approved. These certificates must accompany with the bid documents.

7.3 Certified to be compliant with ISO-7767 for Oxygen monitoring.

7.4 Should meet IEC 529 Level 3 (IP3X)(spraying water) for enclosure protection, water ingress.

7.5 Demonstration of quoted equipment model is a must.

7.6 Should have local service facility. The service provider should have the necessary equipments recommended by the manufacturer to carry out preventive maintenance test as per guidelines provided in the service/maintenance manual.

8. Documentation

8.1 Certificate of calibration and inspection from factory.

8.2 List of Equipments available for providing calibration and routine maintenance support as per manufacturer documentation in service / technical manual.

8.3 User Manual in English

8.4 Service manual in English

8.5 Log book with instructions for daily, weekly, monthly and quarterly maintenance checklist. The job description of the hospital technician and company service engineer should be clearly spelt out.

General conditions

1. Comprehensive warranty for five years for parts and labor. If any part of the equipments is not covered under Comprehensive warranty, the vendor must provide advance information.
2. List of essential spares, accessories, expendables and consumables expected to be used in next five years along with price of each item should be provided and quoted separately. Prices so quoted to be frozen for 5 years including warranty. Frozen rate should not be more than price of the quoted rate at the time of purchase.
3. In addition to warranty for five years, the vendor should quote the price of comprehensive Maintenance Contract (CMC) (labor+ spares) for five years post warranty period. CMC should be unconditional and include all accessories

- including third party items. CMC for parts and labor from year 6 to 10 will also need to be quoted in the price separately and will be taken into account (added in the price bid) while calculating the final price bid. However the CMC price will only be paid during the actual period of service under contract.
4. It will be responsibility of the vendor to submit proposal of CMC at least 6 months before expiry of Previous CMC.
 5. List of important spare parts and accessories with their part number and costing. In the technical bid the product should be quoted with a set of standard accessories. The price bid must clearly state the accessories included. The price of optional accessories should be quoted separately.
 6. In the technical bid the product should be quoted with a set of standard accessories. The price bid must clearly state the accessories included. The price of optional accessories should be quoted separately.
 7. The product or its earlier model should have been marketed in the national and international market for at least 5 years.
 8. The parent company should certify that the quoted product is not going to be out of assembly line for at least five years from date of quotation.
 9. The parent company should give the undertaking to provide the spares for the life of equipment (Ten Years).
 10. All software upgradable free for the life of equipment (Ten Years)
 11. Demonstration is must for all the quoted equipments & accessories. The department may ask the quoted product even for Trial use if needed.
 12. Training: The necessary training of the personnel for the use of the equipment will be provided by the company/vendor.
 13. Compliance statement: The vendor must provide, in tabular form a comparative chart of the required technical specification and technical specification of the quoted product. The vendor must give the relevant page number and paragraph number, in their literature regarding that technical information in the technical bid. Merely stating "complies" or "meets requirement" will lead to assumption that the quoted product does not have the required feature.
 14. Must submit user list and performance report within last 5 years from Tertiary care hospitals.
 15. Catalogue/Brochure should be submitted along with technical bid mentioning each and every point of technical specification.
 16. If the dealer is not able to provide satisfactory service, then Principal Company shall provide the service.

अस्वीकरण/Disclaimer

The additional terms and conditions have been incorporated by the Buyer after approval of the Competent Authority in Buyer Organization, whereby 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 specifications and / or terms and conditions governing the bid. If any clause(s) is / are incorporated by the Buyer regarding following, the bid and resultant contracts shall be treated as null and void and such bids may be cancelled by GeM at any stage of bidding process without any notice:-

1. Definition of Class I and Class II suppliers in the bid not in line with the extant Order / Office Memorandum issued by DPIIT in this regard.
2. Seeking EMD submission from bidder(s), including via Additional Terms & Conditions, in contravention to exemption provided to such sellers under GeM GTC.
3. Publishing Custom / BOQ bids for items for which regular GeM categories are available without any Category item bunched with it.

4. Creating BoQ bid for single item.
5. Mentioning specific Brand or Make or Model or Manufacturer or Dealer name.
6. Mandating submission of documents in physical form as a pre-requisite to qualify bidders.
7. Floating / creation of work contracts as Custom Bids in Services.
8. Seeking sample with bid or approval of samples during bid evaluation process. (However, in bids for [attached categories](#), trials are allowed as per approved procurement policy of the buyer nodal Ministries)
9. Mandating foreign / international certifications even in case of existence of Indian Standards without specifying equivalent Indian Certification / standards.
10. Seeking experience from specific organization / department / institute only or from foreign / export experience.
11. Creating bid for items from irrelevant categories.
12. Incorporating any clause against the MSME policy and Preference to Make in India Policy.
13. Reference of conditions published on any external site or reference to external documents/clauses.
14. Asking for any Tender fee / Bid Participation fee / Auction fee in case of Bids / Forward Auction, as the case may be.
15. Buyer added ATC Clauses which are in contravention of clauses defined by buyer in system generated bid template as indicated above in the Bid Details section, EMD Detail, ePBG Detail and MII and MSE Purchase Preference sections of the bid, unless otherwise allowed by GeM GTC.
16. In a category based bid, adding additional items, through buyer added additional scope of work/ additional terms and conditions/or any other document. If buyer needs more items along with the main item, the same must be added through bunching category based items or by bunching custom catalogs or bunching a BoQ with the main category based item, the same must not be done through ATC or Scope of Work.

Further, 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.

Additional Clause For Comprehensive Maintenance Charges

- 1.CMC shall include preventive maintenance including calibration as per technical/ service /operational manual of the manufacturer, service charges and spares, after satisfactory completion of Warranty. During the CMC 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 or as per user requirement. Cost of consumables shall not be included in CMC. Further there will be 98% uptime warranty during CMC period on 24 (hrs) X 7 (days) X 365 (days) basis, with penalty, to extend CMC period by double the downtime period.
- 2.CMC charges to be indicated as percentage of cost of equipment quoted for each year after the warranty period.
- 3.GST shall be included in the CMC Charges quoted.
- 4.Cost of CMC will be added for Ranking/Evaluation purpose with depreciation formula. A 10% discounting rate per year shall be applied on CMC Charges for price evaluation on Net Present Value.
- 5.The payment of CMC will be made on quarterly basis after satisfactory completion of said period, duly certified by end user.
- 6.While creating a bid or RA, buyers shall indicate whether CMC is required against Yes/No" options. If CMC Charges are included, an option for number of years for CMC required after the warranty period shall be available. Under this option up to 15 years can be chosen for CMC charges beyond warranty period.
- 7.In case the bid has a provision for CMC, the warranty of the product will also be deemed to have been converted into Comprehensive warranty including preventive maintenance and calibration as per technical/ service /operational manual of the manufacturer, service charges and spares, during the Warranty Period also. Sellers are therefore advised to include the cost of Comprehensive Warranty including spares (excluding consumables) also in product Cost.
- 8.The CMC functionality shall be available in bid only and no direct RA shall be applicable. In case of bid to R/A decrement rules shall be applicable on total price inclusive of CMC charges. Bunching of products shall not be available while creating bids with CMC charges.

8.1.Buyer shall indicate number of years of warranty by selecting different options available in the field

depending on warranty parameter applicable in category parameters for the equipment. No. of years of warranty indicated here shall supersede the warranty period indicated elsewhere in bid or product specifications. The Seller while participating in Bid/RA will get fields to indicate CMC charges as percentage depending on number of years of CMC selected by Buyer. The following shall be applicable, if 5 year CMC selected:

CMC charges for 1st year after warranty period- Percentage to be indicated- A1

CMC charges for 2nd year after warranty period- Percentage to be indicated- A2

CMC charges for 3rd year after warranty period - Percentage to be indicated- A3

CMC charges for 4th year after warranty period - Percentage to be indicated- A4

CMC charges for 5th year after warranty period - Percentage to be indicated- A5

Similarly, A6 to A15 are to be indicated for 6th to 15th year of CMC if applicable.

8.2.The calculation of CMC Charges shall take into account the number of years of warranty and duration of CMC as specified while creating bid.

8.3.In the price evaluation, the system shall provide function to calculate the cost of each equipment by formula indicated below including CMC and then show the inter-se-ranking of the bidders. The following are the variables

(i) Number of years for which CMC required.

(ii) Number of years of product warranty

The formula for calculating total cost including CMC charges shall be as under:

Total Cost for evaluation=

$C + C * \{ (A1/100)/(1.10^n) + (A2/100)/(1.10^{n+1}) + (A3/100)/(1.10^{n+2}) + (A4/100)/(1.10^{n+3}) + (A5/100)/(1.10^{n+4}) \}$ and so on

C - Cost for equipment quoted and n shall be number of years of product warranty specified.

If 2 year warranty specified, n shall be 2 and if 5 year warranty specified, n shall be 5. A1,A2, A3, A4& A5 shall depend on how many years CMC selected. For 3 year CMC, only A1,A2 and A3 factors are to be taken into account and A4 and A5 will not be applicable.

8.4.CMC charges offered for each subsequent year should be same or higher than preceding year.

8.5.The CMC charges shall be offered within range of 3 to up to 50% of cost of equipment as defined by buyer.

9.Since CMC charges are to be paid only later for each year during CMC period,applicable performance guarantee amount after placement of contract shall be based on the cost of equipment excluding the cost of CMC Charges.

10.Performance bank guarantee applicable for CMC is to be submitted at start of the CMC and shall be applicable between 2.5% to 10% as specified in bid on total CMC Charges.The PBG submitted after award of contract shall be released only after new PBG for the CMC period is submitted and accepted by buyer/consignee after due verification.Bank guarantee for CMC is to remain valid till completion of CMC period plus one year. The bank guarantee for CMC shall be submitted to buyer directly. In case, seller fails to submit the PBG or does not provide services for the CMC contract after expiry of warranty period then PBG of equipment shall be forfeited.

11.In case of splitting of order quantity, equipment cost and CMC charges offered by L1 bidder shall be matched by higher quoting eligible bidders on one-to-one basis.The equipment cost and CMC charges (year to year) shall be matched individually.

12.The CMC Contract shall be an offline contract to be handled by buyer.The payment of CMC will be made on quarterly basis after satisfactory completion of said period, duly certified by end user and scope of CMC will be as per para 1 above.

13.CMC Charges are inclusive of all the charges for Transportation, Lodging, Boarding, all insurances including third party insurance and all other incidental charges. The same shall include GST. The prices also include cost of spares and damaged parts. Purchaser does not have any liability, whatsoever, over and above the cost of CMC. It also includes for arranging hand tools & tackles, special tools etc. required to carry out the work.

All GeM Sellers/Service Providers shall ensure full compliance with all applicable labour laws, including the provisions, rules, schemes and guidelines under the four Labour Codes i.e. the Code on Wages, 2019; the Industrial Relations Code, 2020; the Occupational Safety, Health and Working Conditions Code, 2020; and the Code on Social Security, 2020 as and when notified and brought into force by the Government of India.

For all provisions of the Labour Codes that are pending operationalisation through rules, schemes or notifications, the corresponding provisions of the pre-existing labour enactments (such as The Minimum Wages Act, 1948, The Payment of Wages Act, 1936, The Payment of Bonus Act, 1965, The Equal Remuneration Act, 1976, The Payment of Gratuity Act, 1972, etc. and relevant State Rules) shall continue to remain applicable.

The Seller/ Service Providers shall, therefore, be responsible for ensuring compliance under:

- **All notified and enforceable provisions of the new Labour Codes as mentioned hereinabove;**

and

- All operative provisions of the erstwhile Labour Laws until their complete substitution.

All obligations relating to wages, social security, safety, working conditions, industrial relations etc. and any other statutory requirements shall be strictly met by the Seller/ Service Provider. Any non-compliance shall constitute a breach of the contract and shall entitle the Buyer to take appropriate action in accordance with the contract and applicable law.

यह बिड सामान्य शर्तों के अंतर्गत भी शासित है /This Bid is also governed by the General Terms and Conditions

जेम की सामान्य शर्तों के खंड 26 के संदर्भ में भारत के साथ भूमि सीमा साझा करने वाले देश के बिडर से खरीद पर प्रतिबंध के संबंध में भारत के साथ भूमि सीमा साझा करने वाले देश का कोई भी बिडर इस निविदा में बिड देने के लिए तभी पात्र होगा जब वह बिड देने वाला सक्षम प्राधिकारी के पास पंजीकृत हो। बिड में भाग लेते समय बिडर को इसका अनुपालन करना होगा और कोई भी गलत घोषणा किए जाने व इसका अनुपालन न करने पर अनुबंध को तत्काल समाप्त करने और कानून के अनुसार आगे की कानूनी कार्रवाई का आधार होगा।/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.

---धन्यवाद/Thank You---