

बिड दस्तावेज़ / Bid Document

बिड विवरण/Bid Details	
बिड बंद होने की तारीख/समय /Bid End Date/Time	03-07-2026 15:00:00
बिड खुलने की तारीख/समय /Bid Opening Date/Time	03-07-2026 15:30:00
बिड पेशकश वैधता (बंद होने की तारीख से)/Bid Offer Validity (From End Date)	180 (Days)
मंत्रालय/राज्य का नाम/Ministry/State Name	Ministry Of Education
विभाग का नाम/Department Name	Department Of Higher Education
संगठन का नाम/Organisation Name	Delhi University
कार्यालय का नाम/Office Name	Vallabhbhai Patel Chest Institute
शिकायत निवारण के संपर्क विवरण/ Contact details of Grievance redressal	ms@vpci.org.in
कुल मात्रा/Total Quantity	1
वस्तु श्रेणी /Item Category	Digital Video Polysomnography (PSG) System (V2) (Q2)
टर्नओवर के लिए एमएसई को छूट प्राप्त है / MSE Relaxation for Turnover	Yes Complete
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	Certificate (Requested in ATC),Additional Doc 1 (Requested in ATC) *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 में 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 लगाने की समय सीमा स्वतः नहीं बंद करने के लिए आवश्यक बिड की संख्या / Minimum number of bids required to disable automatic bid extension	3

बिड विवरण/Bid Details

दिनों की संख्या, जिनके लिए बिड लगाने की समय-सीमा बढ़ाई जाएगी। / Number of days for which Bid would be auto-extended	10
ऑटो एक्सटेंशन अधिकतम कितनी बार किया जाना है। / Number of Auto Extension count	3
बिड से रिवर्स नीलागी सक्रिय किया/Bid to RA enabled	No
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	5 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
मूल्यांकन पद्धति/Evaluation Method	Total value wise evaluation
वित्तीय दस्तावेज की आवश्यकता है / Financial Document Required	Yes
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	120000

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 कैटेगरी के लिए बिड के साथ वैध समर्थित दस्तावेज प्रस्तुत करने हैं। एमएसई कैटेगरी 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.

लभार्थी /Beneficiary :

Director

3rd Floor, Administrative Block, MS Building, Deputy Registrar Office, Vallabhshai Patel Chest Institute, University of Delhi, Department of Higher Education, Delhi University, Ministry of Education, Delhi - 110007
(Director, Vpci)

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

एमआईआई खरीद वरीयता / MII Purchase Preference

एमआईआई खरीद वरीयता / MII Purchase Preference	Yes
मेक इन इंडिया विक्रेताओं को खरीद में प्राथमिकता, यदि उनका मूल्य $L1+X\%$ तक की सीमा में है / Purchase Preference to MII sellers available upto price within $L1+X\%$	20
मेक इन इंडिया खरीद में प्राथमिकता के लिए बिड की मात्रा का अधिकतम प्रतिशत / Maximum Percentage of Bid quantity for MII purchase preference	50
सार्वजनिक खरीद (मेक-इन-इंडिया को प्राथमिकता) आदेश 2017 के अनुसार केवल क्लास 1/क्लास 2 के स्थानीय आपूर्तिकर्ताओं को ही भागीदारी की अनुमति है दिनांक 16.09.2020 (समय-समय पर संशोधित एवं लागू) / Allow participation only from Class 1/Class 2 local suppliers as per the Public procurement(Preference to Make-in-india) order 2017 date 16.09.2020(as amended and applicable time to time)	Yes, in compliance with the MII ORDER : DPIIT Order(as amended and applicable time to time)

एमएसई खरीद वरीयता/MSE Purchase Preference

एमएसई खरीद वरीयता/MSE Purchase Preference	Yes
सूक्ष्म और लघु उद्यम मूल उपकरण निर्माताओं/सेवा प्रदाता को खरीद में प्राथमिकता, यदि उनका मूल्य $L1+X\%$ / Purchase Preference to MSE OEMs/ Service Provider available upto price within $L1+X\%$	15
सूक्ष्म और लघु उद्यम मूल उपकरण निर्माता/सेवा प्रदाता को खरीद में प्राथमिकता के लिए बिड की मात्रा का अधिकतम प्रतिशत / Percentage of Bid quantity/amount for MSE OEMs/ Service Provider Purchase preference	25

1. If the bidder is a Micro or Small Enterprise (MSE) as per latest orders issued by Ministry of MSME, the bidder shall be relaxed from the eligibility criteria of "Bidder Turnover" as defined above subject to meeting of quality and technical specifications. If the bidder itself is MSE OEM of the offered products, it would be relaxed from the "OEM Average Turnover" criteria also subject to meeting of quality and technical specifications. The bidder seeking Relaxation from Turnover, shall upload the supporting documents to prove his eligibility for Relaxation.
2. Preference to Make In India products (For bids < 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. 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. However, eligible micro and small enterprises will be allowed to participate .The buyers are advised to refer the OM No.F.1/4/2021-PPD dated 18.05.2023.

OM No.1 4 2021 PPD dated 18.05.2023 for compliance of Concurrent application of Public Procurement Policy for Micro and Small Enterprises Order, 2012 and Public Procurement (Preference to Make in India) Order, 2017 and its subsequent Orders/Notifications issued by concerned Ministry .Benefits of MSE will be allowed only if seller/service provider is validated on-line in GeM profile as well as validated and approved by Buyer after evaluation of documents submitted.

3. Purchase preference to Micro and Small Enterprises (MSEs): Purchase preference will be given to MSEs having valid Udyam Certificate and whose credentials are validated online through Udyam Registration portal 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 themselves of the Purchase preference, the bidder must be the manufacturer / OEM of the offered product on GeM. In respect of bid for Services, the bidder must be the Service provider of the offered Service. Traders are excluded from the purview of Public Procurement Policy for Micro and Small Enterprises and hence resellers offering products manufactured by some other OEM are not eligible for any purchase preference. Relevant documentary evidence in this regard shall be uploaded along with the bid in respect of the offered product or service, and Buyer will decide eligibility for purchase preference based on documentary evidence submitted in case of product bids, whereas in case of services the eligibility is automatically validated. If L-1 is not an MSE and MSE Seller (s) has / have quoted price within L-1+ 15% (Selected by Buyer) of margin of purchase preference /price band defined in relevant policy, such MSE Seller shall be given opportunity to match L-1 price and contract will be awarded for 25% (selected by Buyer) percentage of total quantity. The buyers are advised to refer the OM No.1 4 2021 PPD dated 18.05.2023 for compliance of Concurrent application of Public Procurement Policy for Micro and Small Enterprises Order, 2012 and Public Procurement (Preference to Make in India) Order, 2017. Benefits of MSE will be allowed only if seller is validated on-line in GeM profile as well as validated and approved by Buyer after evaluation of documents submitted.

4. 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.

Digital Video Polysomnography (PSG) System (V2) (1 pieces)

(क्रमशः श्रेणी 1 और श्रेणी 2 के स्थानीय आपूर्तिकर्ता के रूप में अर्हता प्राप्त करने के लिए आवश्यक/Minimum 50% and 20% Local Content required for qualifying as Class 1 and Class 2 Local Supplier respectively)

तकनीकी विशिष्टियाँ /Technical Specifications

* जेम केटेगरी 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)
POLYSOMNOGRAPHY SYSTEM	Total number of channels in PSG Recorder Kit	16, 24, 32, 48
	Bioplar Channels	6, 8, 16
	Integrated Pulse Oximetry	Yes
	Integrated EtCO2	Yes, No
	Integrated nasal pressure sensor	Yes, No

विवरण/Specification	विशिष्टि का नाम /Specification Name	बिड के लिए आवश्यक अनुमत मूल्य /Bid Requirement (Allowed Values)
	Inbuilt port for Body position sensor	Yes, No
	On board impedance measurements	Yes, No
PARAMETERS RANGE	Minimum sampling rate (Hz)	1024, 2000
	Sensitivity (micro volt/mm)	1 to 200, 1 to 1500
	Maximum Recording Time (Hours)	12 Hours, 20 Hours, 24 Hours
DATA MANGEMENT SYSTEM	Type of printer provided	Inkjet printer, Laser printer
WARRANTY & MAINTENANCE	Warranty in Years (Option of comprehensive warranty is available through bidding only, which if opted will supersede normal warranty in the catalogue)	1, 2, 3, 4, 5 Or higher (year)

Additional Specification Parameters - Digital Video Polysomnography (PSG) System (V2) (1 pieces)

Specification Parameter Name	Bid Requirement (Allowed Values)
Additional Technical Specifications and Terms and Conditions related to equipment namely Digital Video Polysomnography (PSG) System	The Specification provided in GeM parameters above is only for reference and for actual Technical Specifications bidders are requested to go through the Tender document (PDF File) uploaded as ATC under heading "Buyer Added Bid Specific Terms and Conditions. Bidders are requested to quote the equipment and submit the technical compliance accordingly.

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

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

क्र.सं./S.N o.	परेषिती/रिपोर्टिंग अधिकारी /Consignee Reporting/Officer	पता/Address	मात्र /Quantity	डिलीवरी के दिन/Delivery Days
1	Sunil Kumar	110007, VALLABHBHAI PATEL CHEST INSTITUTE, NORTH CAMPUS, OPPOSITE SHRI RAM COLLEGE OF COMMERCE, UNIVERSITY OF DELHI	1	60

Special terms and conditions-Version:1 effective from 12-08-2024 for category Digital Video Polysomnography (PSG) System (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 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.

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

1. Buyer Added Bid Specific ATC

Buyer Added text based ATC clauses

Note: Bidders are requested to go through the tender document (PDF File) no. **VPCI/PUR/OT/Capital/26-27/14-1/18** attached in Buyer Added bid specific Terms and Conditions for complete details of tender and fill the tender accordingly.

Sr. No.	Technical Specifications
-	<u>DIGITAL VIDEO POLYSOMNOGRAPHY (PSG) SYSTEM</u>
	Polysomnography System should have:
1	60-72 channels or more of amplifier.
2	16-24 Programmable Channels including bipolar Channels
3	Integrated Pulse Oximetry, Amplifier must also have built-in Pulse Oximetry, patient event button and photic connectivity.
4	Integrated nasal pressure sensor
5	Inbuilt port for Body position sensor
6	On board impedance check
7	Thermistor and Snore sensor. System should allow provision for connection of an ETCO2. Also, system should provide PTT through any parameter.
8	Minimum Sampling frequency of 4 KHz is required to ensure high-resolution, superfine signal quality across all channels. Sampling frequency should not go down with increase in number of channels.
9	Common mode Input Impedance range should be 100 mega Ω or more.

10	Input Noise (Peak to Peak) 1.5-2 μ V
11	Input bias current \leq 1nA
12	30-40 Number of EEG Channel
13	Capability of simultaneously monitoring multiple recordings
14	Multiple data scroll speeds
15	Selectable video and audio quality
16	On-line scoring and editing & be able to display On-line AHI and total sleep time & On-line arousal index
17	Option of Multiple recording file size choices
18	Multiple synchronized time base
19	Navigate data by graphical interface, comment query, event query and scroll bar
20	Customized event creator
21	System have custom event trend plots and hypnograms
22	Option of viewing AHI, HDI, RDI and ADI live or at any point in the record
23	View AHI by every treatment level
24	Automatic or custom event associations
25	Option of remote access scoring
26	Study Creator file wizard
27	Ability to display multiple recordings in slide show
28	Option of combine fragmented recordings
29	Option of creating Custom MSLT files
30	Auto and manual scoring
31	Facility for split screen or user customizable screen for review of sleep studies

32	Option of setting up three different scroll speed for the different set of data display
33	Facility for EEG scoring or frequency detection/Classification
34	Facility for Single click editing
35	Facility for auto or manual updating of patient information
36	Facility for slide show or screenshots feature for presentation
37	Live trending of multiple parameters
38	Selectable video and audio quality
39	On-line scoring and editing
40	On-line AHI and sleep time
41	On-line arousal index
42	Analysis for acquired as well as derived parameters
43	Remote viewing of live data
44	Auto append or integrated SQL database for workflow management and monitoring of study workflow state instead of auto append
45	Automatic MSLT/MWT timer and recording tool
46	Off-line video monitoring
47	Facility for changing channel layout by single mouse drag
48	Facility for individual password protection for different users
49	User configurable Montages
50	Individualized set of data scoring as per user required.
51	Facility for creating customized events
52	Facility for custom workplaces for different users
53	Facility for custom channel creation for additional parameter
54	Facility for custom watermarks

55	Facility for configurable keyboard and mouse keys
56	Facility for edit scoring from trend plots
57	Ability to support multiple users, with individualized operational settings.
ADDITIONAL SPECIFICATIONS	
Points for ATC (Additional Terms & Conditions):	
1	Have up to 60-72 channels: minimum 30-40 referential channels and 16-24 programmable (from Differential to Referential) and additional 10-16 DC channels.
2	The electrode box should be of design of 10-20 International Electrode Placement (Adult Head Shaped).
3	Digital resolution of the system should be ≥ 24 bit ADC.
4	Common Mode Input Impedance range should be 100 mega Ω or more.
5	Input Noise (Peak to Peak) 1.5- 2 μ V.
6	Amplifier connectivity: both Ethernet or USB or along -with better.
7	Must support both Static and Dynamic IP address while connecting to network.
8	Amplifier and patient electrode connection box must be two separate devices so that least damage happens to the amplifier when mishandling of the electrode connection box happens.
9	Real time interaction with ongoing studies from patient room including Bio Calibration and Instantaneous electrode impedance check while the main unit is in operator's room.
10	The electrode connection box should be so isolable that patient can carry electrode connection box while moving.
11	Patient electrode box should be light in weight.
12	The system should have the capability of acquiring data from both cap electrode and disc electrode.
13	Amplifier should have an option to connect the Cap directly with single connector on amplifier and not by individual connector for each channel.

14	Should have Light Sensor and Software should mark "Lights off" and "Lights On" Manually and Automatically when lights are switched on /off.
15	Should Have built-in night light mode.
	PSG Software:
1	Should have Sleep Analysis hardware and software in order to record various physiological parameters like SaO ₂ , Heart rate, Airflow, Leg movement apart from EEG, EKG and EMG.
2	The Sleep staging software should have Automatic and manual Scoring and Staging and also have advanced Apnea analysis, Periodic leg movement analysis, ECG Arrhythmias detection Analysis, CPAP Titration, Respiratory disturbance index, Apnea/ Hypopnea index.
3	Should have ability to continue a previous recorded study in the software i.e. appending the previous record on a later date or time.
4	Software should have security features to allow / deny access to users to various function based on user profile.
5	Should have report generation facility in MS-Word format which can be later assigned to particular patient.
6	Should have Individual Channel Control, Customization of Montages, along with re montage capabilities through tool Bar acceleration buttons.
7	Should combine all user defined settings into templates or protocol, for use in different applications and the protocols should be available for user by a menu selection.
8	Should arrange montages into sets for different patient groups & should display a graphical view of the current montage during the PSG recording.
9	Software should support import/export of EDF File.
10	Should define new sensors should be included as standard viz assign to amplifier inputs, define traces in a montage, define calculated channels (Average, Source/ Laplacian), or define Trends.
11	Integrated 8-bit trigger for synchronizing external events.
12	Facility to click any point to display corresponding traces and slide pointer to change displayed duration of the overview. Display of Time Scale in either elapsed time or time of day.

13	Sortable list of all events placed in the recording, both automatically and manually placed such that when event is click, it shows corresponding PSG.
14	Review and add events to recorded traces in Review Pane while still displaying live traces in Live Pane.
15	Protocol for MSLT with timer, should offer scoring for Adult, Pediatric and infants.
16	Should have inter scorer facility (comparison between various scoring on same study).
17	Should have automatic report generation of all detection with hypnogram.
	Video Camera (1 No.):
18	Should have facility to record patient video using high resolution camera, with resolution of 4 MP or more with fully synchronized Video or better (Make: Bosch/ Axis communication).
19	System should have facility for Video compression and should supply with High resolution PTZ Zoom camera and IR camera.
20	Wall mounted high resolution Digital video camera.
21	synchronization between Video & PSG recording.
22	High Definition Video Camera with Networked operation of Pan, Tilt and Zoom, IR.
	Acquisition Station Computer:
1	Desktop system with Core i7 or better (12" Generation or better) available processor 16 GB RAM or more, 1 TB SSD, 4 TB HDD or more, DVD writer and reader, Wireless multimedia key board with internal light for low light usage, Wi-Fi (preferably inbuilt), Wireless optical mouse with standard accessories, Webcam Preferably inbuilt), Head phones with Mic, internal LAN card (4 Ports)-4 nos.
2	27" LED, Touchscreen and sleek (2 Nos. for dual display).
3	DVD Writer and reader.
4	2-way audible communication.
5	Networked storage unit for storage of patient data storage.
6	Speakers with woofer sound quality.

7	Should come preloaded with Microsoft genuine windows 10 with latest service pack, should come preloaded with genuine latest Microsoft Office, should be preloaded with genuine antivirus tool.
8	The data acquisition system should be supplied along with- recovery software created while initializing the machine.
General Specification:	
1	Demonstration is must.
2	Service response should be within 48 hours for troubleshooting.
3	Certified US/FDA/CE/ISO/BIS/ISI approved. Vendor to attach the certificate clearly mentioning the model, address of manufacturer and validity on the certificate. Complete system should compliance to 2020 or recent AASM Guidelines.
4	Comprehensive Warranty of 5 years.
5	Comprehensive training to Lab staff until familiarity with the equipment to be provided as well as general troubleshooting user level maintenance training to the user and as when required by the user.
6	Compatible titration device should be provided with general Modes like CPAP, APAP, S, S/T, auto S/T, T, aPCV (Assisted pressure controlled ventilation).
7	Existing Resmed PAP device should be compatible with system through Tx link module and interface within the patient data and control through software.
8	Existing Remlogic software should be transferred to this system.
9	Sleep Electrode Starter Kit (2 Sets) to consist of:
9.1	Sleep transducers complete for Air flow, Snoring sensor, Chest/Respiration sensors,
9.2	Periodic limb movement, Nasal cannula (50 Nos.), SpO ₂ probe, Body position. Additionally, reusable Gold plated EEG cup electrode: 60 nos., EEG paste-10 nos., skin prepping gel: 10 nos., Head caps Adult-3 different sizes (2 set), conductivity gel-10 jars.

2. Buyer Added Bid Specific ATC

Buyer uploaded ATC document [Click here to view the file.](#)

अस्वीकरण/Disclaimer

The Additional Terms and Conditions (ATC) have been incorporated by the Buyer after approval of their Competent Authority. The Buyer is solely responsible for the impact of these clauses on the bidding process, its outcome, and consequences thereof including any restriction arising in the bidding process due to these ATCs and including the modification of technical specifications and / or terms and conditions governing the bid. All representations / grievances pertaining to the ATC clauses shall be raised with the buyer organization directly and not with GeM. If any of the clause(s) is/are incorporated by the Buyer regarding the following, the bid & resultant contract shall be treated as null & void. Further, GeM reserves the right, at its sole discretion, to cancel the bid forthwith, without issuance of any prior notice or intimation :-

1. Publishing Custom / BOQ bids for items for which regular GeM categories are available (unless such Custom / BOQ item is bunched with the major regular product Category Item).
2. Mandating procurement of / from specific Brand / Make / Model / Manufacturer / Dealer except in case of Single Bid / Proprietary Article Certificate (PAC) Buying.
3. Inclusion of disqualification criteria related to suspension of seller / service provider, where such suspension period has already expired.
4. Mandating submission of documents in physical form as a pre-requisite to qualify bidders.
5. Publishing bids on GeM for procurement of works.
6. Procurement of Goods by creating a Service bid on GeM & vice-versa.
7. Seeking sample with bid or approval of samples during bid evaluation process. However, trial / sample, as the case may be, shall be permitted in cases where trial / sample are allowed as per approved and published procurement policy of the Buyers' controlling Ministry / Department / State / Public Sector Enterprises Headquarters. If there is any violation of trial / sample clause with regard to approved policy of the Buyers' Ministry / Department / State / Public Sector Enterprises Headquarters, then this is to be determined and redressed by the concerned Buyer Organisation only.
8. Seeking experience from specific organization / department / institute only or from foreign / export experience.
9. Creating bid for items from incorrect categories.
10. Reference of conditions published on any external site or reference to external documents/clauses.
11. Asking for any Tender fee / Bid Participation fee, as the case may be.
12. Buyer added ATC Clauses which are in contravention of clauses defined in bid detail section, including specifications, EMD Detail, ePBG Detail and MII and MSE Purchase Preference sections of the bid, unless otherwise allowed by the applicable GeM GTC.
13. Any ATC clause in contravention with GeM GTC Clause 4 (xiii) (h) will be invalid. In case of multiple L1 bidders against a service bid, the buyer shall place the Contract by selection of a bidder amongst the L-1 bidders through a Random Algorithm executed by GeM system.
14. 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 catalogues 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. 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.

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.

This Bid is governed by the General Terms and Conditions, conditions stipulated in Bid and Service Level Agreement specific to the Service, as the case may be, as provided in the Marketplace.

However, in case of Service, if any condition specified in General Terms and Conditions is contradicted by the conditions stipulated in Service Level Agreement specific to said Service, then it will over-ride the conditions in the General Terms and Conditions.

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 कार्यवाई 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---