



Bid Number/बोली क्रमांक (बिड संख्या):
GEM/2024/B/4958846
Dated/दिनांक : 21-05-2024

Bid Document/ बिड दस्तावेज़

Bid Details/बिड विवरण	
Bid End Date/Time/बिड बंद होने की तारीख/समय	11-06-2024 10:00:00
Bid Opening Date/Time/बिड खुलने की तारीख/समय	11-06-2024 10:30:00
Bid Offer Validity (From End Date)/बिड पेशकश वैधता (बंद होने की तारीख से)	120 (Days)
Ministry/State Name/मंत्रालय/राज्य का नाम	Pmo
Department Name/विभाग का नाम	Department Of Atomic Energy
Organisation Name/संगठन का नाम	Irel (india) Limited
Office Name/कार्यालय का नाम	Ho
Total Quantity/कुल मात्रा	1
Item Category/मद केटेगरी	EEG Machine (Q2)
Minimum Average Annual Turnover of the bidder (For 3 Years)/बिडर का न्यूनतम औसत वार्षिक टर्नओवर (3 वर्षों का)	13 Lakh (s)
MSE Exemption for Turnover/टर्नओवर के लिए एमएसई को छूट प्राप्त है	Yes
Startup Exemption for Turnover/ टर्नओवर के लिए स्टार्टअप को छूट प्राप्त है	Yes
Document required from seller/विक्रेता से मांगे गए दस्तावेज़	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
Bid to RA enabled/बिड से रिवर्स नीलामी सक्रिय किया	No
Type of Bid/बिड का प्रकार	Two Packet Bid
Time allowed for Technical Clarifications during technical evaluation/तकनीकी मूल्यांकन के दौरान तकनीकी स्पष्टीकरण हेतु अनुमत समय	2 Days
Inspection Required (By Empanelled Inspection Authority / Agencies pre-registered with GeM)	No

Bid Details/बिड विवरण

Estimated Bid Value/अनुमानित बिड मूल्य	5000002
Evaluation Method/मूल्यांकन पद्धति	Total value wise evaluation

EMD Detail/ईएमडी विवरण

Advisory Bank/एडवाइजरी बैंक	State Bank of India
EMD Amount/ईएमडी राशि	84746

ePBG Detail/ईपीबीजी विवरण

Advisory Bank/एडवाइजरी बैंक	State Bank of India
ePBG Percentage(%) / ईपीबीजी प्रतिशत (%)	5.00
Duration of ePBG required (Months) / ईपीबीजी की अपेक्षित अवधि (महीने).	17

(a). 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./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।

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

Beneficiary/लाभार्थी :

DGM (F & A)

IREL (India) Limited, OSCOM Bank Details: GST Number: 21AAACI2799F1ZQ, Account Name : IREL(India)Limited, Name of the Bank: State Bank of India, Branch : Matikhalo Branch, IRE Ltd Campus, Account No. : A/C No 10546942016, IFSC : SBIN0006086, MICR Code: 761002521
(Irel India Limited)

Splitting/विभाजन

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

MII Purchase Preference/एमआईआई खरीद वरीयता

MII Purchase Preference/एमआईआई खरीद वरीयता	Yes
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MSE Purchase Preference/एमएसई खरीद वरीयता

MSE Purchase Preference/एमएसई खरीद वरीयता

Yes

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" subject to meeting of quality and technical specifications. If the bidder is OEM of the offered products, it would be exempted from the "OEM Average Turnover" criteria also subject to meeting of quality and technical specifications. 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" subject to their meeting of quality and technical specifications. If the bidder is OEM of the offered products, it would be exempted from the "OEM Average Turnover" criteria also subject to meeting of quality and technical specifications. 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. 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.
5. Purchase preference to Micro and Small Enterprises (MSEs): Purchase preference will be given to MSEs as defined in Public Procurement Policy for Micro and Small Enterprises (MSEs) Order, 2012 dated 23.03.2012 issued by Ministry of Micro, Small and Medium Enterprises and its subsequent Orders/Notifications issued by concerned Ministry. If the bidder wants to avail the Purchase preference, the bidder must be the manufacturer of the offered product in case of bid for supply of goods. Traders are excluded from the purview of Public Procurement Policy for Micro and Small Enterprises. In respect of bid for Services, the bidder must be the Service provider of the offered Service. Relevant documentary evidence in this regard shall be uploaded along with the bid in respect of the offered product or service. If L-1 is not an MSE and MSE Seller (s) has/have quoted price within L-1+ 15% (Selected by Buyer) of margin of purchase preference /price band defined in relevant policy, such Seller shall be given opportunity to match L-1 price and contract will be awarded for 25%(selected by Buyer) percentage of total QUANTITY. 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.
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.

EEG Machine (1 pieces)

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

Technical Specifications/तकनीकी विशिष्टियाँ

[* As per GeM Category Specification/जेम कैटेगरी विशिष्टि के अनुसार](#)

Specification	Specification Name/विशिष्टि का नाम	Bid Requirement/बिड के लिए आवश्यक (Allowed Values)/अनुमत मूल्य
Standards	Quality system certifications of manufacturer	ISO 13485 and ISO 9001, ICMED 13485 and ICMED 9001
Performance Parameters	Number of input channels	24, 32, 64, 128, 14
	Number of display channels	24, 32, 64, 128, 14
	Analog to digital conversion	16 Bit, 24 Bit
	Photo Stimulator	High intensity white LED, Xenon
	Frequency Band range in Hz	0.1 to 150 Hz, 0.1 to 300 Hz
	Sampling	512 Hz ADC, 1024 Hz ADC
	Time Resolution or sweep speed in mm/s	5, 10, 20, 30, 60
	High definition video camera to be supplied	Yes, No
	Resolution of camera in pixels	1289 X 720, 340 x 240, NA if no camera supplied
	Video Camera functionalities	Should be with remote control for PAN, Tilt and Zoom facilities, NA if no video camera supplied
	Paste / gel used in EEG to be supplied	5 jars of 200 gm gel, 10 Jars of 200 gm gel, 5 jars of bentonite paste of 200 gms, 10 jars of bentonite paste of 200 gms, Conductive paste of 200 gm
	Computer to be supplied with the machine	Yes, No
	Processor of computer supplied	i5 or more, NA if no computer supplied
	Ram capacity in GB of computer	8, NA if no computer supplied
	Hard Disc capacity of computer	1 TB, NA if no computer supplied
	Monitor size in inches of computer supplied	19 or more, NA if no computer supplied
	Operating system in computer supplied	Window 7 or higher versions, NA if no computer supplied
Multi media key board,Optical mouse and latest anti virus to be loaded with validity period of at least 3 years	Yes, NA if no computer supplied	
Printer to be supplied	Color Laser Printer with wifi, NA if no computer supplied	

Specification	Specification Name/विशिष्टि का नाम	Bid Requirement/बिड के लिए आवश्यक (Allowed Values)/अनुमत मूल्य
	DVD Writer	Yes, No, NA if no computer supplied
	USB PORT	Yes, NA if no computer supplied
	UPS to be provided	Yes, NA if no computer is supplied
	Backup of UPS in hrs	1, 2, NA if no UPS is supplied
	Facility with the abdomen / chest effort sensor	Yes, No
Software parameters	Option of compairing any segment of EEG with the current EEG by copying	Yes, No
	Should have FFT trend analysis and 3D brain mapping	Yes with 8 channel DSA, No
	Heart rate monitoring Facility	Yes, No
	System should be able to monitor EEG,Aeeg,fft Power and BSR	Yes, No
	Should have FFT power analysis ,Spectral edge frequency ,Median frequency,BSR,IBI and should be able to display the ration of any two selected frequency bands in graphical as well as numerical mode	Yes, No
	No of software keys provided	1, 2, 3
	Supplying review station with equipment	Yes, No
	Details of review station computer supplied	intel core i7 processor (turbo boost up to 4 GHZ) or higher level processor, No (Since review station computer not supplied)
	Review station computer system features	15 MB cache,8 GB DDR RAM,2 TB hard disk 24"" or more monitor, No (Since review station computer not supplied)
	CD /DVD Writer supplied with review station computer	Yes, No, NA (Since review station computer notv supplied)
	Display of review station computer	LCD, TFT, NA (Since review station computer not supplied)
	UPS Supplied with Review station computer	Yes with back up 1 hour, NA (Since review station computer not supplied)
	Facility for acquisition and review mode by split screen	Yes, No

Specification	Specification Name/विशिष्टि का नाम	Bid Requirement/बिड के लिए आवश्यक (Allowed Values)/अनुमत मूल्य
Additional Accessories	Material of disc electrode	Silver, Copper, Gold plated
	Spare EEG disc electrodes supplied with machine	50, 100
	Head cap	1- Adult and 1-Infant
	Number of Patient ground cable	1, 2, Not supplied
Miscellaneous Parameters	Warranty (Option of comprehensive warranty is available through bidding only, which if opted will supersede normal warranty in the catalogue)	3, 5, 1, 2, 4
	Number of installations of the EEG Machine machines in Central /State/PSU Govt Hospitals(Note: Seller should supply a performance certificate of the device to the buyer if demanded after placement of order)	No installation, up to 3, more than 3

Additional Specification Parameters - EEG Machine (1 pieces)

Specification Parameter Name	Bid Requirement (Allowed Values)
as per buyer specification	as per buyer specification

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

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

S.No./क्र. सं.	Consignee Reporting/Officer/ परेषिती/रिपोर्टिंग अधिकारी	Address/पता	Quantity/मात्र	Delivery Days/डिलीवरी के दिन
1	G K Chandra Guptan	761045,IREL(India) Limited PO MATIKHALO,CHATRAPUR Ganjam District.	1	90

Special terms and conditions-Version:2 effective from 21-10-2022 for category EEG Machine

1. All Provisions of Drugs and Cosmetics Act, 1940 and Rules made there under as amended till date

will always be applicable. This will include all notifications issued by *Central Drugs Standard Control Organisation (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 Drug 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 drug license, product certification, manufacturer certification/licenses, test reports etc.
3. The price offered by the seller shall not, in any case exceed the DPCO controlled price, if any, fixed by the Central/State Government, the Maximum Retail Price (MRP) and the selling price. The seller must reduce the prices if there is any reduction in DPCO ceiling price, if any.
4. **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.
5. **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.
6. **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.
7. **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.
8. **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.
9. **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.
10. **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.
11. **Software:** All software updates should be provided free of cost during warranty period.
12. 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 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.

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

1. Generic

Bidders are advised to check applicable GST on their own before quoting. Buyer will not take any responsibility in this regards. GST reimbursement will be as per actuals or as per applicable rates (whichever is lower), subject to the maximum of quoted GST %.

2. Generic

Bidder shall submit the following documents along with their bid for Vendor Code Creation:

- a. Copy of PAN Card.
- b. Copy of GSTIN.
- c. Copy of Cancelled Cheque.
- d. Copy of EFT Mandate duly certified by Bank.

3. 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.

4. 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

5. Generic

The seller is required to print logo as per buyer's requirement.

6. Generic

Without prejudice to Buyer's right to price adjustment by way of discount or any other right or remedy available to Buyer, Buyer may terminate the Contract or any part thereof by a written notice to the Seller, if:

- i) The Seller fails to comply with any material term of the Contract.
- ii) The Seller informs Buyer of its inability to deliver the Material(s) or any part thereof within the stipulated Delivery Period or such inability otherwise becomes apparent.
- iii) The Seller fails to deliver the Material(s) or any part thereof within the stipulated Delivery Period and/or to replace/rectify any rejected or defective Material(s) promptly.
- iv) The Seller becomes bankrupt or goes into liquidation.
- v) The Seller makes a general assignment for the benefit of creditors.
- vi) A receiver is appointed for any substantial property owned by the Seller.
- vii) The Seller has misrepresented to Buyer, acting on which misrepresentation Buyer has placed the Purchase Order on the Seller.

7. Generic

While generating invoice in GeM portal, the seller must upload scanned copy of GST invoice and the screenshot of GST portal confirming payment of GST.

8. Scope of Supply

Scope of supply (Bid price to include all cost components) : Supply Installation Testing Commissioning of Goods and Training of operators and providing Statutory Clearances required (if any)

9. 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.

10. Warranty

Warranty period of the supplied products shall be 1 years from the date of final acceptance of goods or after completion of installation, commissioning & testing of goods (if included in the scope of supply), at consignee location. OEM Warranty certificates must be submitted by Successful Bidder at the time of delivery of Goods. The seller should guarantee the rectification of goods in case of any break down during the guarantee period. Seller should have well established Installation, Commissioning, Training, Troubleshooting and Maintenance Service group in INDIA for attending the after sales service. Details of Service Centres near consignee destinations are to be uploaded along with the bid.

11. Buyer Added Bid Specific ATC

Buyer Added text based ATC clauses

1) Technical competency: Bidder or its OEM {themselves or through re-seller(s)} should be experienced in having successfully executed similar work in any State Govt / Central Govt /PSU/Private organization/Public listed company during **last Five (5) year ending bid opening date**. If a bidder is uploading the copies of orders of its OEM in support of execution of work, he has to submit the bid specific Authorization letter from its OEM to participate in the bid and sale the products.

Party has to upload documentary evidence in support of execution of work i.e. copy of the purchase order along with Completion certificate/ CRAC/ Tax Invoice.

Definition of similar work: - “Supply of Video E.E.G Machine / MRI Machine / CT Scan”

NB: a) For MSE & Start-up bidders, past experience is relaxed. However, bidders have to establish their technical competency by submitting supporting documents towards successful execution of similar work for any value, failure to which the offer will not considered for evaluation.

b) Bidder should clearly understood the specification is available in ATC with bid and upload the same with sign & seal along with bid, otherwise offer will be rejected.

2. Note:

As per para 7.3.5 on (Clarification of Bids/Shortfall Documents) of the Manual for Procurement of Goods 2017, issued by Ministry of Finance, Department of Expenditure, During evaluation and comparison of bids, the purchaser may, at his discretion, ask the bidder for clarifications on the bid. The request for clarification shall be given asking the tenderer to respond by a specified date. If the tenderer does not comply or respond by the date, his tender will be liable to be rejected. Depending on the outcome, such tenders are to be ignored or considered further. No change in prices or substance of the bid shall be sought, offered or permitted. No post bid clarification at the initiative of the bidder shall be entertained. **The shortfall information / documents should be sought only in case of historical documents which pre-existed at the time of the tender opening and which have not undergone change since then.** So far as the submission of documents is concerned with regard to qualification criteria, after submission of the tender, only related shortfall documents should be asked for and considered. **For example, if the bidder has submitted a supply order without its completion / performance certificate, the certificate can be asked for and considered. However, no new supply order should be asked for so as to qualify the bidder.**

3) As per section 7.3.1 of Manuals for procurement of Goods, the offer shall be declared as unresponsive and be

ignored during the initial scrutiny if:

- i) The offer is not in the prescribed format or is unsigned or not signed as per the stipulations in the bid document.
- ii) The required EMD has not been provided or exemption from EMD is claimed without acceptable proof of exemption;
- iii) The bidder is not eligible to participate in the bid as per laid down eligibility criteria (example: the tender enquiry condition says that the bidder has to be a registered MSE unit but the tenderer is a, say, a large scale unit);
- iv) The tenderer has quoted for goods manufactured by a different firm without the required authority letter from the proposed manufacturer.
- v) The bid departs from the essential requirements specified in the bidding document (for example, the tenderer has not agreed to give the required performance security); or
- vi) Against a schedule in the list of requirements in the tender enquiry, the tenderer has not quoted for the entire requirement as specified in that schedule (example: in a schedule, it has been stipulated that the tenderer will supply the equipment, install and commission it and also train the purchaser's operators for operating the equipment. The tenderer has, however, quoted only for supply of the equipment).

4) SD / EPBG: (Applicable for order value above 5 Lakhs): Please furnish Security Deposit (SD) @ 5% of the total order value (Excluding GST) within 14 days of receipt of this order in the form of demand draft / RTGS. Alternatively, you may furnish an irrevocable Bank Guarantee for the said amount. The BG should be issued by SBI including its subsidiaries or Nationalized Bank or any schedule 'A' Commercial Bank approved by RBI. BG given by Co-Operative banks will not be accepted. BG shall not bear any interest and is liable to be forfeited for unsatisfactory completion or an abandonment of the supply. The same shall be refunded to you after successful completion of warranty period and after due clearance by user department.

5) EMD(Earnest Money Deposit) & PBG(Performance Bank Guarantee): Party should submit EMD and PBG as per the GEM bid condition.

6) i) Pre-Qualification Criteria can be relaxed as per prevailing norms for MSEs, MII and Startup companies subject to meeting quality and technical specification.

ii) For MSE bidders and start-ups as recognized by DPIIT (Department for Promotion of Industry and Internal Trade)

ii.a) EMD is exempted as per EMD exemption clause available in GEM bid and GEM General T&C.

ii.b) Turnover is exempted as specified in the bid.

ii.c) Purchase Preference is given as specified in bid.

7) Offers from vendors defaulted to IREL (India) Limited, OSCOM during last one year will not be considered.

8) Bidder should upload their bank details along with offer for Payment and EMD/SD refund purpose.

9) Other terms & condition and contact details are attached in buyer uploaded ATC doc.

10) Engineer-In-Charge: Shri Deepak Mishra, Sr. Manager-T (Res & CSR.)

11) File No: 01-28677

Contact person of Tendering Authority

IREL(India)Limited, OSCOM Unit

Purpose	Name	Email id	Mobile No.
For Bid/ tender related query	Shri R. S. Sabat. DGM (Purchase)	rssabat@irel.co.in & purchase-os@irel.co.in	+91 8280402609
	Smt.Sweta Sinha, Manager(Purchase)	sksinha@irel.co.in	+91 7978132875
For Consignment/Goods Transportation related Query	Shri. G K Chandraguptan, CM (Stores)	stores-os@irel.co.in , gkchandraguptan@irel.co.in	+91 9003681969

For Payment/refund related Query	Shri. J. Nayak, DGM (F&A)	jnayak@irel.co.in , finance-os@irel.co.in	+91 922031051 3
For Technical Specification/Scope of work related Query	Shri Deepak Mishra, SM-T (Res. & CSR)	deepakmishra@irel.co.in	+91 933714535 7

Technical Specification of Video E.E.G Machine with Polysomnography

A) Hardware
1) Should have 32 EEG channels including 7 Bipolar channels & additional channels for Spo2, EtCo2 , Pleth, PR & HR monitoring.
2) Should be able to measure the impedance both from amplifier and on screen.
3) Facility for Simultaneous Sampling of all EEG channels with Multiple Sampling Rates of upto 1 k Hz is must.
4) Should have programmable Automatic Photic Stimulator with 4 Lux white light, Stim rate 0.5 to 60 Hz, Duty cycle 5 min continuous operation in 30 min and Stim and pause time of 1 to 99 sec.
B) Acquisition and review Software
1) System should be able record and monitor EEG, EOG, ECG, PR, SPO2, EtCo2 and Heart Rate
2) Should provide trend analysis of EEG signal as well as physiological parameters for easy clinical correlation.
3) Should have facility to define traces in a montage, define calculated channels.
4) Should have single click montage re-referencing option to access real time data.
5) Facility for acquisition and review of at least 4 EEG data simultaneously by split screen mode.
6) System should be able to display 64 traces on the screen with a maximum of 5 minutes per screen.
7) Should support multiple protocols with user specific setting with individualized settings having password protectable templates. Should have option of changing marking settings as per user.
8) Should be able to give the EEG data output in ASCII format.
9) Should have Waveforms freeze facility with simultaneous background recording, facility to Prune /Trim down data to specified events, Zoom/Magnify selected portion of EEG trace for numerical analysis, copy & paste of EEG waveforms to reports and presentations, search EEG and view several recordings in tiled or cascading windows.
10) System must have option of comparing any segment of EEG with the current EEG by copying.
11) Review and add events to recorded traces in Review Panel while still displaying live traces in Live Pane.
12) Facility to Review the data recorded from the system on a CD/DVD to any other PC without the need of loading additional REVIEW software.
13) Should have facility for DSA trendgraphy for easy review of EEG data
14) Should have 3D progressive brain mapping
15) Should have Voltage/CSD mapping
16) Should have facility of Slow Shift EEG waveform auto analysis

~~17) Should have Wide band analysis for DC-shift as well Ripple analysis for EEG waveform~~

C) Patient Administration Software

- 1) Should be network supported patient and test management software for patient administration, exam scheduling network connectivity, launch of data acquisition, review and transfer of patient data on the network. Should be HIS / HL7 compliant
- 2) Should have data archiving, deleting & copying facility.
- 3) Should have function for audit trail.
- 4) Should be able support multiple patient reviews simultaneously on a single screen.
- 5) Should have facility to enter patient data after starting the recording or later
- 6) Should have facility to generate report without the need of MS Office for license free operation.
- 7) The software should have facility of connecting up to 4 systems on network for simultaneous monitoring & alert in case of any abnormality.

D) Camera Specification:

- 1) It should be a Pan-tilt-zoom (PTZ) type IP dome camera with CMOS / CCD type image sensor having minimum 2 Mega Pixel (MP) image sensing capacity for capturing images at 60 fps at all resolutions such as Full HD (1080p), HD (720p) as well as SD with good image sensitivity during day and night (Minimum Illumination for Capturing Color Image should be 0.05 lux or less).
- 2) Should have auto-focus facility with Optical Zoom of 12X or more and Digital Zoom of 16X or more having flexibility to zoom in to small details of objects.
- 3) The camera should have features such as bubble free clarity, Dynamic Noise Reduction, remote camera access, White Balance, Auto Gain Control, Backlight compensation through auto exposure.

E) The computer PC system

- 1) should strictly be supplied by the manufacturer along with the system, after passing the strict in-house quality checks by the manufacturer to comply with medical equipment standard. (Locally supplied PC system will not be accepted).
- 2) Should have intel i5 or better processor, 1 Tb or better HDD, 8 GB or better RAM, 24" Display & UPS
- 3) Should be supplied with power supply from manufacturer to comply with safety standards.
- 4) Should be supplied with customized cart to incorporate all components of the system.

F) System should have following minimum features for Polysomnography

- 1) Should have automatic generation of event trend plots and hypnograms
- 2) Should have Sleep analysis Hardware and software in order to record various physiological parameters like SpO₂, heart rate, EtCO₂, Pulse, Airflow, leg movements apart from EEG, EKG and EMG.
- 3) Should have facility of remote access scoring and must have Auto and manual scoring and staging also have advanced apnea analysis, Periodic leg movement analysis, ECG Analysis, respiratory disturbance index, Apnea/Hypoapnea index.
- 4) PSG electrode sensor kit should consist of: Sleep Transducer complete for air flow, Snoring sensor, Chest, abdomen and respiratory sensor, Body position, periodic Limb Movement.

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| 5) Should be able to display multiple recordings in slide show and have option of combine fragmented recordings |
| 6) Should have option of creating Custom MSLT files |
| 7) Should have facility review mode by split screen and at least 3 reviews simultaneously. |
| 8) Should have option of setting up three different scroll speed for the different set of data display |
| 9) Should have individualized set of data scoring as per user requirement |
| 10) Should have Selectable video and audio quality |
| 11) Should be supplied Mini Junction Box for PSG studies |

G) Accessories

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| 1) PC system with above specifications with compact metallic trolley to incorporate all the components of the system. |
| 2) Should be supplied with monocolour printer with 18 ppm speed |
| 3) Should be supplied with 2 nos. of electrode set including 24 Silver electrodes in each set |
| 4) Should be supplied with set of EEG paste (including 1200 gms of paste) |
| 5) Should be supplied with Skin prepping Gel of 130 gms. 10 nos. |
| 6) Should be supplied with PSG sensor kit 1 no. |

G) Review Station with following specifications

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| 1) Should have intel i7 or better processor, 1 Tb or better HDD, 8 GB or better RAM, 24" Display & UPS |
| 2) Should have facility for direct online data review facility |
| 3) Should be able to review ongoing study in real-time too. |
| 4) Should be provided with monocolour laser printer |
| 5) Should be provided with sturdy computer table |

Scope of Work

1. Party has to supply the medical equipment to the Central store of IREL (India) Limited for inspection and necessary entry.
2. After entry of the item at central store, party has to shift the medical equipment to the installation site of MKCG Medical College & Hospital, Berhampur as per the direction of EIC.
3. Party has to carry out installation and commissioning of Video E.E.G Machine with Polysomnography at Department of Psychiatry in MKCG Medical College & Hospital, Berhampur as per the instruction of Medical Superintendent of MKCG, Ganjam / CDMO & EIC in co-ordination with District Administration.
4. After successful installation and commissioning, party has to show the demo to the medical staff of MKCG Hospital, Berhampur and impart training for safe operation of the equipment.
5. Party will supply electrical switch board, socket, 3-pin plug, extension board, wire, cable, MCB etc if required for installation and commissioning of the item without incurring any additional cost to IREL.
6. Party has to ensure safety and operational check of the equipments before handover.
7. IREL shall not be responsible for any mishap/accident/damage etc during transportation of equipment to site.
8. If any defect/damage of the equipment is found at the time of installation, party has to replace it by new one or rectify the fault without any additional cost to IREL.
9. Party has to provide the User manual of the medical equipments.

10. Party will make arrangement for branding of the initiative taken by IREL under CSR scheme and inauguration and handover of the medical equipment to MKCG Medical College & Hospital, Berhampur by fixing flex, Sticking, printing IREL logo etc as per the instruction of EIC.
11. The soft copy of the logo to be printed will be provided by IREL.
12. Party has to carry out free maintenance during the warranty period. If any defect/ malfunctioning is detected during warranty period, party has to rectify the fault free of cost. If the fault is not repairable, party has to replace the damaged machine by new one with same specification without any additional cost.

1. PAYMENT TERM

100 % payment will be released to the party after completion of installation and commissioning of Video E.E.G Machine with Polysomnography subject to certification by EIC and user department.

3. TEST CERTIFICATES, MANUALS

The party shall provide warranty certificate, manuals along with delivery of Video E.E.G Machine with Polysomnography.

4. WARRANTY

The party shall give a minimum warranty of 12 months from the date of installation of the item.

12. Buyer Added Bid Specific ATC

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

Disclaimer/अस्वीकरण

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.

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.

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

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./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।

---Thank You/धन्यवाद---