

बिड दस्तावेज़ / Bid Document

बिड विवरण / Bid Details	
बिड बंद होने की तारीख/समय / Bid End Date/Time	15-06-2026 16:00:00
बिड खुलने की तारीख/समय / Bid Opening Date/Time	15-06-2026 16:30:00
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 Health And Family Welfare
विभाग का नाम / Department Name	Department Of Health Research
संगठन का नाम / Organisation Name	Indian Council Of Medical Research (icmr)
कार्यालय का नाम / Office Name	Regional Medical Research Center Gorakhpur Up
कुल मात्रा / Total Quantity	1
वस्तु श्रेणी / Item Category	Nanopore-Based DNA And RNA Sequencing System
GeMARPTS में खोजी गई स्ट्रिंग्स / Searched Strings used in GeMARPTS	Nanopore-Based DNA And RNA Sequencing System
GeMARPTS में खोजा गया परिणाम / Searched Result generated in GeMARPTS	automated nucleic acid extraction machine, Reverse Osmosis based Water Treatment System above 50 LPH Capacity (V2), Non-Aadhaar Based Biometric Attendance System, Complete VHF communication system for airports (AAI), Reverse Osmosis based Point of Use Water Treatment System for Drinking Purposes (V3) as per IS 16240, Aadhaar Enabled Biometric Attendance System (AEBAS), File And Leave Management System Software, 3D Laser Scanning and Imaging System as per MHA QRs, 7 Watt White-LED Based Solar Street Lighting System As Per MNRE Specification, Trichloroisocyanuric Acid (TCCA-90)
अधिसूचना के लिए चयनित प्रासंगिक श्रेणियाँ / Relevant Categories selected for notification	<ul style="list-style-type: none"> DNA Capillary Sequencer (V2)
बिडर का न्यूनतम औसत वार्षिक टर्नओवर (3 वर्षों का) / Minimum Average Annual Turnover of the bidder (For 3 Years)	9 Lakh (s)
मूल उपकरण निर्माता का औसत टर्नओवर (गत 3 वर्षों का) / OEM Average Turnover (Last 3 Years)	68 Lakh (s)
उन्हीं/समान सेवा के लिए अपेक्षित विगत अनुभव के वर्ष / Years of Past Experience Required for same/similar service	3 Year (s)

बिड विवरण/Bid Details	
वर्षों के अनुभव एवं टर्नओवर से एमएसई को छूट प्राप्त है / MSE Relaxation for Years Of Experience and 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	Yes Complete
विक्रेता से मांगे गए दस्तावेज़/ Document required from seller	Experience Criteria,Past Performance,Bidder Turnover,Certificate (Requested in ATC),OEM Authorization Certificate,OEM Annual Turnover,Additional Doc 1 (Requested in ATC),Compliance of BoQ specification and supporting document *In case any bidder is seeking exemption from Experience / Turnover Criteria, the supporting documents to prove his eligibility for exemption must be uploaded for evaluation by the buyer
क्या आप निविदाकारों द्वारा अपलोड किए गए दस्तावेजों को निविदा में भाग लेने वाले सभी निविदाकारों को दिखाना चाहते हैं? संदर्भ मेन् 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 बढ़ाने के लिए आवश्यक बिड की संख्या। / Minimum number of bids required to disable automatic bid extension	2
दिनों की संख्या, जिनके लिए बिड लगाने की समय-सीमा बढ़ाई जाएगी। / Number of days for which Bid would be auto-extended	3
ऑटो एक्सटेंशन अधिकतम कितनी बार किया जाना है। / Number of Auto Extension count	1
विगत प्रदर्शन / Past Performance	10 %
बिड से रिवर्स नीलामी सक्रिय किया/ Bid to RA enabled	No
लागू आरसीएम/ RCM Applicable	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	2 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

बिड विवरण/Bid Details

मध्यस्थता खंड/Arbitration Clause	No
सुलह खंड/Mediation Clause	No

ईएमडी विवरण/EMD Detail

आवश्यकता/Required	No
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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).	14

(a) 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

REGIONAL MEDICAL RESEARCH CENTER GORAKHPUR UP, Department of Health Research, Indian Council of Medical Research (ICMR), Ministry of Health and Family Welfare
(To The Director Icmr- Rmrc Gorakhpur)

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)
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एमएसई खरीद वरीयता/MSE Purchase Preference

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

1. If the bidder is a Micro or Small Enterprise as per latest orders issued by Ministry of MSME, the bidder shall be relaxed from the eligibility criteria of "Experience Criteria" as defined above subject to meeting of quality and technical specifications. The bidder seeking Relaxation from Experience Criteria, shall upload the supporting documents to prove his eligibility for Relaxation.
2. 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.
3. If the bidder is a DPIIT registered Startup, the bidder shall be relaxed from the the eligibility criteria of "Experience Criteria" as defined above subject to their meeting of quality and technical specifications. The bidder seeking Relaxation from Experience Criteria, shall upload the supporting documents to prove his eligibility for Relaxation.
4. If the bidder is a DPIIT registered Startup, the bidder shall be relaxed from the the eligibility criteria of "Bidder Turnover" as defined above subject to their meeting of quality and technical specifications. If the bidder is DPIIT Registered 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.
5. 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.
6. 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.
7. OEM Turn Over Criteria: The minimum average annual financial turnover of the OEM of the offered product during the last three years, ending on 31st March of the previous financial year, should be as indicated in the bid

document. Documentary evidence in the form of certified Audited Balance Sheets of relevant periods or a certificate from the Chartered Accountant / Cost Accountant indicating the turnover details for the relevant period shall be uploaded with the bid. In case the date of constitution / incorporation of the OEM is less than 3 year old, the average turnover in respect of the completed financial years after the date of constitution shall be taken into account for this criteria.

8. 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.

9. Purchase preference will be given to MSEs having valid Udyam Registration 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. 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. 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 and Buyer will decide eligibility for purchase preference based on documentary evidence submitted, while evaluating the bid. 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. 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. 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.

10. Past Performance: The Bidder or its OEM {themselves or through re-seller(s)} should have supplied same or similar Category Products for 10% of bid quantity, in at least one of the last three Financial years before the bid opening date to any Central / State Govt Organization / PSU. Copies of relevant contracts (proving supply of cumulative order quantity in any one financial year) to be submitted along with bid in support of quantity supplied in the relevant Financial year. In case of bunch bids, the category related to primary product having highest bid value should meet this criterion.

जीएसटी की धारा 9(3)/Section 9(3) Of GST

Where ever RCM is applicable, sellers (Regular GST registered seller who opted out of FCM , unregistered seller, seller registered under composition scheme)will be forced to put Zero GST and GST cess in their bids. Buyer will have liability of paying the GST and GST cess to the government on the specified rate mentioned by them in this Bid.

जीएसटी की धारा 9(3) / Section 9(3) Of GST

Where ever RCM is applicable, sellers (Regular GST registered seller who opted out of FCM , unregistered seller, seller registered under composition scheme)will be forced to put Zero GST and GST cess in their bids. Buyer will have liability of paying the GST and GST cess to the government on the specified rate mentioned by them in this Bid.

If the buyer has mentioned MSE purchase preference in ATC then service provider is required to upload necessary documents for MSE purchase preference for verification by the buyer during evaluation.

Pre Bid Detail(s)

मूल्य भिन्नता खंड दस्तावेज़/Pre-Bid Date and Time	प्री-बिड स्थान/Pre-Bid Venue
02-06-2026 11:00:00	The pre-bid meeting will be held on 02.06.2026 at our institute campus (ICMR-NIHR , Gorakhpur U.P) at 11:00 AM. Bidders who are not able to attend the pre-bid meeting in person are requested to join online through the following link. Join Zoom Meeting https://us06web.zoom.us/j/88349458773? pwd=HqgCgX6rRdTI5aQina7OZdG5Um0Bzj.1 Join instructions https://us06web.zoom.us/join/88349458773/invitations? signature=jPL05IEvpm7qN64S386nKGPW1YjrRpQUsEBOV9o9IJA

Nanopore-Based DNA And RNA Sequencing System (1 Unit)

(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

क्रेता विशिष्टि दस्तावेज़ /Buyer Specification Document	Download
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उपरोक्त मद के लिए इंस्टॉलेशन कमीशनिंग एंड टेस्टिंग (आईसीटी) का विवरण / Installation Commissioning and Testing (ICT) details for the above item:

% of Product Cost Payable on Product Delivery	70%
Min Cost Allocation for ICT as a % of product cost	5%
Number of days allowed for ICT after site readiness communication to seller	10 Days
GST as per RCM	18%
GST Cess 1 as per RCM	18%
Optional RCM	No

इनपुट कर क्रेडिट(आईटीसी) तथा रिवर्स प्रभार (आरसीएम)/Input Tax Credit(ITC) and Reverse Charge(RCM) Details

जीएसटी पर इनपुट कर क्रेडिट /ITC on GST	जीएसटी उपकर कर क्रेडिट /ITC on GST Cess	लागू आरसीएम/R CM Applicabl e	रिवर्स प्रभार के अनुसार जीएसटी/GST as per RCM	रिवर्स प्रभार के अनुसार जीएसटी उपकार 1 /GST Cess 1 as per RCM	GST Cess 2 as per RCM	वैकल्पिक रिवर्स प्रभार /Optional RCM
NA	NA	Yes	18%	18%	NA	Yes

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

क्र.सं./S.N o.	परेषिती/रिपोर्टिंग अधिकारी /Consignee Reporting/Officer	पता/Address	मात्रा /Quantity	डिलीवरी के दिन/Delivery Days
1	Nalin Kumar	273013,ICMR- REGIONAL MEDICAL RESEARCH CENTRE, GORAKHPUR, B R D MEDICAL COLLAGE CAMPUS, NEAR SBI, GORAKHPUR	1	15

Buyer added Bid Specific Additional Scope of Work

क्र.सं./S.N o.	Document Title	Description	रिवर्स प्रभार के अनुसार जीएसटी/Applicable i.r.o. Items
1	SOW View	The bidder must accept and agree to all the terms, conditions, and specifications. The bidder shall also be bound to carry out the installation and demonstration of the use of the instrument and provide training to the allotted employee or students.	Nanopore-Based DNA And RNA Sequencing System(1)

The uploaded document only contains Buyer specific Additional Scope of Work and / or Drawings for the bid items added with due approval of Buyer's competent authority. Buyer has certified that these additional scope and drawings are generalized and would not lead to any restrictive bidding.

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

1. Experience Certificate for the supply of the same to any Govt/ PSU/ any renowned private organisation along with Supply/ Purchase Order.
2. If the agency is registered under MSME or NSIC, then EMD exemption certificate needs to be enclosed.
3. Make in india specific authorisation certificate needs to be enclosed.
4. **Buyer Added Bid Specific ATC**

Buyer Added text based ATC clauses

Nanopore based DNA and RNA Sequencing System (Qty: 01)

Technical Specifications

1. The sequencing system should be an electronic analysis system that can perform direct molecular analysis of native DNA, RNA or amplified DNA/cDNA products.
2. The sequencer should offer flexibility to reuse flow cells multiple times providing flexibility of experiment design.
3. Setting up the sequencer should require minimal to no facility upgrades.
4. It should allow users to experience Simple library preparation, Real-time analysis and biological insights from long reads.
5. The sequencer should allow any read length i.e. short to ultra long: 20 bp to more than 4 Mb.
6. It should be capable of delivering total data output of 10 to 15 Gb data per run.
7. The sequencer should be compatible with latest sequencing chemistry which provides accuracy of 99.5

%.

8. Sequencer should allow simple and rapid library preparation workflows, PCR-free library preparation protocols and multiplexing of up to 96 samples in a single flow cell using barcodes.

9. large genomes, whole prokaryotic genomes, metagenomics, targeted sequencing, large transcriptomes (cDNA), and small transcriptomes (direct RNA), Viral Amplicon

sequencing, Metagenomics (16S and Whole genome metagenome) etc.

10. The sequencer should allow real-time sequencing and base calling for rapid access to results.

11. The sequencing system should generate standard data output formats which is compatible for all downstream analysis software.

12. The system should be quoted with onsite installation and training support.

13. The sequencer provider should be authorized to sell the system and training should be delivered by certified trainers only. The system supplier should be GLP certified and approved by NGCMA, GOI for invitro bioanalysis, method development and method validation.

14. Regulatory or safety compliance: The sequencer should conform to the EMC and Electrical Safety directives as outlined in the EU Declaration of Conformity EN IEC 61326-1:2021, EN 55011:2016, RoHS IEC 62321-3-

1:2013, IEC 62321-5: 2013, Maximum Rated Power: 7.5 W, Installation Port: 1 X USB-C, signed to sequence at environment temperature of + 10 °C to + 35 °C.

Term and Condition for Purchase of Nanopore-Based DNA and RNA Sequencing System

1. Scope of Supply

The bidder shall supply, install, test, commission, and demonstrate a complete nanopore- based DNA and RNA sequencing system with all accessories, consumables, software, and utilities required for full functionality.

2. Technology Requirement

The offered system must be based on real-time nanopore sequencing technology capable of sequencing both DNA and RNA molecules directly without mandatory amplification.

3. Compliance with Specifications

The system offered must strictly comply with all technical specifications mentioned in the bid document. Partial compliance shall not be accepted.

4. OEM Authorization

The bidder must submit a valid Manufacturer Authorization Form (MAF) from the Original Equipment Manufacturer (OEM) specifically authorizing participation in this tender.

5. Product Condition

All supplied equipment shall be brand new, unused, and of the latest available model/version at the time of supply.

6. Regulatory Compliance

The equipment shall comply with applicable international quality and safety standards such as CE, ISO, UL, or equivalent certifications.

7. Performance Capability

The system must support sequencing of genomic DNA, cDNA, amplicons, direct RNA, and metagenomic samples.

8. Software Licensing

All software licenses required for operation, basecalling, analysis, and data visualization shall be supplied with perpetual validity unless otherwise specified.

9. Data Analysis Support

The bidder shall provide bioinformatics pipelines/tools for sequence analysis, alignment, variant calling, transcriptomics, and quality control.

10. Installation and Commissioning

Installation and commissioning shall be completed within the delivery schedule specified in the purchase order without additional charges.

11. Site Readiness Guidance

The supplier shall provide pre-installation requirements including electrical, environmental, network, and space requirements before dispatch.

12. Training Requirement

Comprehensive onsite training shall be provided to at least five users covering sample preparation, instrument operation, troubleshooting, maintenance, and data analysis.

13. Demonstration of Performance

Successful installation shall include demonstration of sequencing performance using control samples and achievement of specified output metrics.

14. Warranty Period

The complete system including accessories and software shall carry a minimum warranty of three years from the date of successful installation.

15. Comprehensive Warranty Coverage

Warranty shall include labor, travel, spare parts, firmware/software updates, repairs, and replacement of defective components without extra cost.

16. Uptime Guarantee

The supplier shall ensure a minimum system uptime of 95% during the warranty and AMC/CMC period.

17. Response Time for Service

Service support response time shall not exceed 48 hours from reporting of complaint.

18. Penalty for Delay in Service

Failure to rectify faults within seven working days may attract penalty as per GeM and purchaser norms.

19. Availability of Spares

OEM/bidder shall guarantee availability of spare parts and service support for at least seven years from date of installation.

20. Consumables Availability

Sequencing flow cells, kits, reagents, and other consumables should be regularly available in India through authorized channels.

21. Supply of Starter Kit

The supplier shall provide sufficient starter consumables/reagents for installation qualification and initial training runs.

22. Computer and Storage Requirements

Dedicated workstation/computer with compatible operating system, required RAM, storage, GPU (if applicable)

ble), and data backup facility shall be included.

23. Data Security and Compatibility

Generated data formats shall be compatible with standard bioinformatics tools and exportable without proprietary restrictions.

24. Environmental Conditions

The system must operate under standard laboratory environmental conditions available in Indian research laboratories.

25. Inspection and Acceptance

Final acceptance shall be subject to successful installation, functional testing, and user acceptance certification by the purchaser.

26. Documentation Requirement

Supplier shall provide user manuals, service manuals, SOPs, troubleshooting guides, and calibration certificates in printed and digital formats.

27. Annual Maintenance Contract (AMC/CMC)

The bidder shall quote AMC/CMC charges separately for at least five years beyond warranty period.

28. Delivery Schedule

Delivery shall be completed within the timeline specified in the GeM contract/Purchase Order. Delayed delivery may attract liquidated damages.

29. Eligibility Criteria

Bidder/OEM should have prior experience in supply and support of nanopore sequencing systems to government research institutes, universities, or laboratories.

30. Jurisdiction and Dispute Resolution

Any dispute arising from the contract shall be subject to jurisdiction of the purchaser's location and resolved as per Government of India and GeM procurement rules.

31. Should have an integrated compute module capable of analyzing the data in real time as described: In built computing capacity with Latest generation CPU/GV100 GPU accelerator, 4 TB SSD Storage, 64 GB RAM, Ethernet connectivity, Instrument control and analysis software

32. Confirms EMC and Electrical Safety directives as per the EC Declaration of Conformity.

33. Flexibility to run up to five independently addressable Flongle or R9.0/ R10 FlowCells with added advantage of flow cells re-usability

34. System should be compatible for both DNA/RNA based sequencing applications such as whole genome sequencing. Targeted sequencing, Metagenomics (16S and Whole genome metagenome), RNA sequencing and Methylation with additional benefit of Direct RNA sequencing and Methylation data from whole genome sequence data without going for bisulphite conversion. This does not need an additional library prep process or sequencing protocol to generate data for methylation studies.

35. Available flexible workflows, PCR-free library preparation protocols and multiplexing of up to 96 libraries in a single flow cell (or up to 480 libraries per sequencing run) using barcodes

36. Sequencing system should generate standard output formats: FAST5/FASTA/FASTQ.

37. Vendor should have in-house/collaborative sequencing facility in India Samples (DNA etc.) should not be sent out of India.

38. Proof of lab facility: Illumina installation certificate and AMC/CMC in India should be provided. Quotation should be on firm's letter head with GST Number, PAN Number and CST Number mentioned clearly.

39. Data should be delivered through secured server & HDD only.

40. To maintain data confidentiality, firm should not write data in CDs/DVDs.
41. Time lines to complete the project should be written clearly and should not exceed more than 180 days after receiving the samples. Deviation in specification except preferred requirement will be subjected to Bid rejection.
42. Kindly upload GFR144xi compliance certificate as per order F.No.6/18/2019-PPD dated 23-July- 2020 from DoE, Ministry of Finance, PPD, Government of India, in firm's letterhead, duly signed by authorized signatory. (Format given the Buyer uploaded ATC document').
43. Kindly upload a certificate for local content as per 'preference to Make-in-India' order No P45021/2/2017-PPE-11) dated 16-Sep-2020, issued by DPIIT, Ministry of Commerce and Industry, Govt. of India, in firm's letterhead duly signed by authorized signatory.
44. Kindly upload Bid Security Declaration (in-lieu of EMD) in firm's letterhead, duly signed by authorized signatory. (Format given in the "Buyer uploaded ATC document").
45. The firm **should not have been black-listed** by any Central Govt./State Govt./Govt. PSUs/ Undertaking/Organizations or allies' agencies. No Vigilance/CBI case should be pending against the bidder. A certificate to be given to this effect on own Letterhead.
46. The bidder should have to submit the Acceptance of all Terms & Conditions of Tender.
47. bidder should have to submit the bidders turns over and the oem turnover on their letter paid after verified by CA.
48. The bidder should have to submit the Experience Certificate of the Firm for Similar nature of Work.
49. Bidder should have to submit the Declaration that the Company has not been blacklisted and not bankrupt.

5. 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 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---