



सी.एस.आई.आर.-जीनोमिकी और समवेत जीवविज्ञान संस्थान
CSIR-INSTITUTE OF GENOMICS & INTEGRATIVE BIOLOGY,
जुबली हॉल के सामने, मॉल रोड, दिल्ली-110007. भारत
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निविदा आमंत्रित करने की सूचना/Notice Inviting Tender (NIT)

संदर्भ संख्या/Ref No. IGIB/2-2NC/270/25-26(1082)

दिनांक/Date: 06.10.2025

सेवा में/To,

मै./M/s. Premas Life Sciences Pvt. Ltd.,
E49/5, IInd Floor, Okhla Phase II,
Okhla Industrial Area, New Delhi-110020

प्रिय महोदय/Dear Sir,

यह संस्थान आपसे निम्नलिखित वस्तुओं को अगले पृष्ठ पर लिखी शर्तों के अनुसार खरीदने को लेने का इच्छुक है। आपसे अनुरोध है कि आप अपनी निविदा बनाकर, केवल भारत सरकार के खरीद संबंधी सार्वजनिक ई-प्रापण पोर्टल www.etenders.gov.in के माध्यम से, निविदा जमा करने की अंतिम तिथि से पहले भिजवाने का कष्ट करें।

This Institute is interested in procurement of goods from you, for the following items/services on the terms & conditions mentioned overleaf. You are, therefore, requested kindly to submit your bid/quotation for the same only through through Public Procurement Portal www.etenders.gov.in meant for procurement, on or before the last date of submission of the bids.

क्रसं/S.No.	Cat. No.	वस्तु या सेवा का विवरण/Description of Item/service	मात्रा/Qty.
1.	20115694	MiSeq i100 System (Specification as per Annexure 1)	01

Important: As per the Public Procurement (Preference to Make in India), Order, 2017 dated 16th September, 2020 as amended from time to time, the bidder is required to submit a certificate about the percentage (%) of local content in the product quoted by the bidder. For more details kindly refer the Department for Promotion of Industry and Internal Trade (DPIIT) website <https://dipp.gov.in>

Note: The bid shall not be considered without this Certificate

भवदीय/ Yours faithfully,

(भंडार एवं क्रय अधिकारी/Stores & Purchase Officer)
सी.एस.आई.आर.केलियेवकीओरसे/ For & on behalf of CSIR

TERMS & CONDITIONS COMMON TO ALL ITEMS

1. The bid should be submitted as per terms of this Request for Quotation (RFQ), only ONLINE through Central Public Procurement Portal (CPPP) <https://etenders.gov.in>. Manual bid or documents shall not be considered except for the documents required to be submitted manually in original, if any, as a part of the bid. Technical bid/specifications and Terms & Conditions may be submitted duly signed in PDF form.
2. The bid should be addressed to The Director, CSIR-Institute of Genomics and Integrative Biology, Mall Road, Delhi-110007 India.
3. Bidder may submit its quote either for indigenously manufactured product or foreign product available from ready stock OR in foreign exchange as Indian Agent/Branch on behalf of its foreign supplier for direct import by CSIR-IGIB.
4. HSN code of each item should be mentioned against all quoted items.
5. The bid should indicate clearly about the packing, forwarding, freight transportation, insurance and installation and commissioning charges, if any, upto the place of supply/port of destination. Otherwise, it will be presumed that taxes/charges are included in the quoted prices and CSIR-IGIB will not be liable to pay any such charges separate from the quoted rates.
6. **The terms for payment in advance will not be considered**
7. The delivery schedule should be clearly mentioned in the quotation by the bidder.
8. The mode of dispatch of the items must be mentioned clearly in the bid.
9. **The bid shall be valid for 30 days for supply of indigenous items and 60 days for import of goods from abroad, from the date of opening of the bid. No revision in price will be allowed after opening the bid.**
10. Complete specifications of the product with manufacture's name and address should be mentioned in the bid. Technical Literature/Pamphlet should also be submitted with the bid.
11. Prices are required to be quoted in the units as indicated in the BOQ.
12. CSIR-IGIB, being a Public Funded Research Institution, is partly exempted from payment of customs duty vide notification No. 51/96 dated 23.07.1996 and GST applicable as per the extant rules/guidelines.
13. CSIR-IGIB has GST No. 07AAATC2716R4ZE which should be mentioned in the invoice at the time of supply.
14. **Reasonability of Prices:** In order to ensure that the quoted prices are reasonable and minimum for CSIR-IGIB, the bidder must provide copies of at least two purchase orders for the supply of the similar product made to any CSIR Labs/Govt. recognized Institutes/Govt. Academic Institutes/PSUs/Autonomous Bodies during the last 1 years. At the same time, a Price Reasonability Certificate may also be furnished on the letter head that the quoted prices are lowest and lower prices than those offered to CSIR-IGIB have not be provided to anyone else. If case any deviation in this regard if brought to the notice of CSIR-IGIB in future then the firm is liable to refund the excess amount charged from us.
15. The date of delivery should be strictly adhered to otherwise the Director reserves the right not to accept delivery in part or full and to levy a penalty 0.5% per week subject to maximum of 10% of the total value of supply order for delay in supply or installation.
16. Unsolicited / Conditional tenders shall not be considered.
17. The Director, CSIR-IGIB, Delhi, reserves the right to reject, or partially accept any or all the quotations received without assigning any reasons.
18. All disputes arising out of this transaction shall be referred to Delhi International Arbitration Centre (DIAC), Delhi High Court New Delhi. The disputes in case of import of goods shall be dealt as per United Nations Commission on International Trade Law (UNCITRAL) Arbitration Rules.
19. **ADDITIONAL TERMS APPLICABLE FOR PROCUREMENT OF EQUIPMENT (both indigenous as well imports):-**
 - 19.1 **Warranty:** The bidder should quote a warranty for a minimum of 36 months from the date of satisfactory installation, unless mentioned specifically in the specifications or note.
 - 19.2 **Performance Bank Guarantee/Security deposit (PBG/SD):** The bidder shall be required to submit a PBG/SD for 5 % of the order value on receipt of material and satisfactory installation.
 - 19.3 **Authorisation Letter:** A certificate from the OEM/Principal supplier should be submitted wherein the bidder has been authorized to quote, sell the equipment and provide the after sales services. **Further confirm that no Contractor or firm or individual other than Messrs is authorised for this purpose.**
20. **ADDITIONAL TERMS FOR PURCHASE FROM INDIGENOUS SOURCES**
 - 20.1 Prices should be quoted preferably on free Delivery at IGIB, Delhi basis.
 - 20.2 The goods should be insured against theft, loss or breakage and all other transit losses during transportation. Insurance charges should not exceed 2% of the cost of material.
 - 20.3 Bidder should mention its GST Number in the bid for records and necessary action.
 - 20.4 **PAYMENT TERMS:-** 100% Payment shall be released through RTGS after receipt of goods in good working condition and wherever applicable on satisfactory installation of material at CSIR-IGIB, Mall Road/Mathura Road, Delhi. The bidder should provide bank detail in the bid.
 - 20.5 TDS on goods and services will be deducted as per rules.
21. **ADDITIONAL TERMS FOR IMPORT OF ITEM (when bidding in foreign currency):-**
 - 21.1 The rate should be quoted on CIP/CIF basis giving breakup of charges up Part of destination i.e. Delhi Airport Port.
 - 21.2 **PAYMENT TERMS:** The following terms of payment shall be acceptable to us:
 - a. On Credit basis within 30 days of receipt of material in good working condition and in case of equipment on satisfactory installation.
 - b. Through sight draft where the original shipping documents may be sent immediately after shipment either to us or to our bankers State Bank of India, TFCPC Branch, Parliament Street, New Delhi-110001. We shall retire the documents on its first presentation to us.
 - c. 100% through irrevocable letter of credit (excluding for Indian Agent's Commission, if any)
22. **DOCUMENTS REQUIRED FROM THE BIDDER:-**
 - 22.1 Documentary evidence about the status of the bidder i.e. whether MSME/Start-up
 - 22.2 Declaration abiding by the code of Integrity and no conflict of interest for public procurement. (DoE (Govt. of India)-OM No.F.1/20/2018-PPD Dt. 02.11.2023
 - 22.3 Declaration by the bidder regarding Land Border sharing Regulations.
23. Indian Agent's Commission, if any, will be paid in equivalent Indian Rupees only after the satisfactory installation of material on exchange rates which was applied for payment to the principal supplier.
24. All the instructions and terms & conditions of this NIT must be complied failing which the offer may be liable for rejection.
25. **"The purchaser reserves its right to terminate the maintenance contract at any time after giving due notice without assigning any reason. The contractor will not be entitled to claim any compensation against such termination. However, while terminating the contract, if any payment is due to the contractor**

Benchtop next generation sequencing system specifications

1. The next-generation sequencing (NGS) system should be a compact benchtop model with minimal foot print and able to support multiple sequencing applications: 3' gene expression, RNA sequencing (RNA-Seq), including mRNA-Seq and total RNA-Seq (coding and noncoding), Targeted RNA panels, Pathogen detection, 16S amplicon sequencing, Shotgun and shallow shotgun metagenomics, Small whole-genome sequencing, Amplicon-based targeted sequencing, Enrichment-based targeted sequencing, Genome editing, Immune repertoire, Library QC, etc.
2. Single instrument should perform clonal amplification, sequencing, paired-end run and primary data analysis and secondary data analysis and should require minimal touch points.
3. The manufacturer should also offer kits and reagents for library preparation from DNA/RNA.
4. System should offer flexible scalability to generate 1.5 to 15 Gb and up to 50 million single end reads or 100 million pair end reads to support a broad range of applications, including metagenomic sequencing, de-novo sequencing and re-sequencing of microbes, complete de-novo sequencing and re-sequencing of higher eukaryotes including human genome, ChIP sequencing, transcriptome sequencing (microbial, plants and human), etc.
5. The system should have onboard cluster generation followed by integrated massively parallel sequencing of DNA/RNA libraries loaded directly on the integrated sequencing cartridge/chip. The sequencing chemistry should offer both single end and paired end sequencing (100, 300, 600 cycles) to be completed in 4–16 hours and prepares FASTQ files as part of the sequencing run, without need of extra equipment or steps.
6. The system should not require washing, enables streamlined instrument maintenance, and optimizes instrument efficiency.
7. The sequencing reagent should be shipped and stored at room temperature to avoid use of dry ice and cool-packs and sequencing cartridge should allow recyclability and minimizes waste volume.
8. The sequencing technology should offer accurate sequencing of homopolymers and highest read quality score of Q30 for more than 90% for 2x150 cycle and >85% at 2x300 cycle of the base calls having >99% accuracy ensuring quality control steps.
9. System should have inbuilt hardware for ultra-rapid secondary analysis for a wide variety of genomic analysis solutions, including base call (BCL) file conversion, mapping, alignment, sorting, duplicate marking, and variant calling without the need for bioinformatics expertise.
10. The on-board analysis hardware should use optimized, hardware-accelerated algorithms for a wide variety of genomic analysis solutions, including base call (BCL) file conversion, compression, mapping, alignment, sorting, duplicate marking, and variant calling. Pipeline for whole exome, targeted resequencing, whole transcriptome expression and fusion detection.
11. System should also offer cloud-computing platform for simplified data management and analytical sequencing tools directly to researchers in a cost effective and user-friendly format.
12. System should be able to sequence multiple samples at a time with option of using barcodes for sample multiplexing (up to 384).
13. The system should include latest DRAGEN software, hardware, accessories, and technology available at the time of installation which is needed for generating high quality sequence reads (see s.no. 15 for specifications)
14. The system should be user installable and run set up could be complete in less than 20 min with minimum step.
15. System should be supply with 2 KVA online UPS and Computer Workstation: i7 Processor - 11th Gen or latest @2.5 GHz or better, No. of Cores - 8, RAM - 16GB, Storage - 4Tb, Operating System- Ubuntu, Monitor - 20" LED, Wireless Keyboard, Mouse.

16. System should be supply with initial sequencing reagent of 5M (300 cycles) – 2 qty. IQOQPQ should be performed at the time of machine installation by the supplier at no additional cost and complete reports should be provided to user during installation.

17. The system should come with Three (3) years comprehensive warranty
