



INSTITUTE OF MENTAL HEALTH & NEUROSCIENCES (IMHANS)

An Autonomous Institution under the Government of Kerala

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25-08-2025

No. A3/925/2025/IMHANS

NOTICE INVITING RATE CONTRACT PROPOSALS FOR THE YEAR 2025-2026

Proposals are invited for the Annual Rate Contract of Genomics Services for research activities for the year 2025 – 2026 at the Center for Interdisciplinary Brain Sciences (CIBS), Institute of Mental Health and Neurosciences (IMHANS), Kozhikode, Kerala

SI No.	Service Description
1	Clinical exome sequencing (for germline genetic variants) 80–100X coverage with Analysis: <ul style="list-style-type: none">Source material: DNA samples and occasionally blood samples,DNA Quality Check (QC)Library preparation & Exome CaptureSequencing using Illumina Platform (NovaSeq X plus or similar) with 2 X150bp read length and 80-100x Coverage (4-5GB data) per sample.Raw data delivery and Bioinformatics analysis with standard deliverables.
2	Whole exome sequencing (for germline genetic variants) 80–100X coverage with Analysis: <ul style="list-style-type: none">Source material: DNA samples and occasionally blood samples,DNA Quality Check (QC)Library preparation (Twist bio comprehensive)& Exome CaptureSequencing using Illumina Platform (NovaSeq X plus or similar) with 2 X 150bp read length and 80-100x Coverage (7-8GB data) per sample.Raw data delivery and Bioinformatics analysis with standard deliverables.
3	Genome-wide DNA methylation array (Illumina Infinium EPIC Methylation 935K Array; Version 2.0 (EPIC v2.0)) <ul style="list-style-type: none">Source material: DNA samples and occasionally blood samples,DNA Quality Check (QC)Genome-wide Methylation Analysis using Illumina Infinium EPIC Methylation 935K Array (Version 2.0) in Illumina iScan System.Raw data delivery and Bioinformatics analysis with standard deliverables.
4	Transcriptome sequencing (Total RNA-seq): <ul style="list-style-type: none">Source Material: RNA or frozen cellsRNA extraction and Quality Check (QC)Ribo-depletion using Ribozero Kit & library preparationSequencing on Illumina Platform (NovaSeq X plus or similar) with 2x150bp read length with 60M reads/sample (9GB) data generation.Raw data delivery and Bioinformatics analysis with standard deliverables.
5	Transcriptome sequencing (polyARNA-seq) <ul style="list-style-type: none">Source Material: RNA or frozen cellsRNA extraction and Quality Check (QC)Polyadenylation using Poly-A tail Kit& library preparation.Sequencing on Illumina Platform (NovaSeq X plus or similar) with 2x150bp read length with 30M reads/sample (4.5GB) data generation.Raw data delivery and Bioinformatics analysis with standard deliverables.
6	Targeted Next Generation Sequencing (NGS) (germline genetic variants for regions 250-500kbps) <ul style="list-style-type: none">Source material: DNA samples and occasionally blood samples,DNA Quality Check (QC) and Library preparationSequencing using Illumina Platform (NovaSeq X plus or similar) with 2 X 150bp read length and 100x average sequencing depth (≥ 0.5 to 1 GB data/sample).Raw data delivery and Bioinformatics analysis with standard deliverables.

General Terms and Conditions

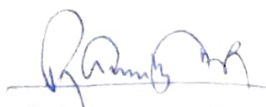
1. The service provider should have published evidence (peer-reviewed research papers) for providing the genomics services requested, specifically in human samples for large-scale studies during the last three years. The details should be enclosed with the application.
2. The service provider should perform all the genomics services requested within their facility in India & NOT be outsourced.
3. The clinical exome sequencing services should be accredited by the College of American Pathologists (CAP)
4. Samples will be submitted as blood samples or nucleic acids (DNA/RNA). The company representative should collect the samples for sequencing in appropriate temperature packaging on a pre-decided day, every time, from the indenter at no extra charge.
5. The cost should be inclusive of sample collection, DNA/RNA isolation, purification, library construction, data curation, quality control, and appropriate bioinformatic analysis, depending on the service.
6. The quantity and quality of the sequencing data should match the indenter's need as mentioned in the order.
7. The raw data of sequencing reads, results, and data analysis should be handed over to the indenter on an external hard disk or via online data sharing portals.
8. The turnaround time of results from the submission of samples should be 4-6 weeks
9. The price quoted must be valid for the entire one-year rate contract period.
10. The rate contract is valid for one year from the date of execution of the rate contract. Hence, quote the validity of the rate contract period as one year from the date of execution of the rate contract order, instead of the specified period, such as the financial year or the Calendar Year
11. The price quoted for each service should be submitted along with the application in the form of a Hard/Soft copy
12. Dealers should submit the authorization letter from the firm concerned.
13. The tax rate applicable to the educational/research institution may be mentioned in the proposal for the rate contract.
14. All other terms and conditions per the store purchase rules of the Government of Kerala also apply to this rate contract.
15. The application containing other terms and conditions that are not acceptable will be rejected.
16. Other details can be obtained from IMHANS Website (www.imhans.ac.in) or the undersigned during office hours (Phone: +91495-2359352; +91-9400061163; email: office@imhans.ac.in).

Tender Details

1	Tender No. & date	A3/925/2025/IMHANS dated 25.08.2025
2	Last date and time for receipt of Tender	10.09.2025, 4 PM
4	Date and time for opening of tender	11.09.2025, 11 AM.
5	Price of tender form	Rs. 1000/- + GST 18%
6	E.M.D	Rs. 5000/-

To: Notice board/Website




Administrative Officer
Ramjith A.R
PEN No.104144
Under Secretary on deputation as
Administrative Officer
Institute of Mental Health &
Neurosciences
Kozhikode - 673008