



VALLABHBHAI PATEL CHEST INSTITUTE

University of Delhi,

PO Box No.2101, Delhi-110007

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Ref. No: VPCI/PUR/OT/GEN/NRL/24-25/8-40/164/2174

Dated 25/02/2025

NOTICE INVITING TENDER

Vallabhbhai Patel Chest Institute, University of Delhi, Delhi – 110007 invites Open E-Tender under one cover containing (i) Technical Bid and (ii) BOQ of Financial Bid are invited for availing Service of Whole Genome Sequencing and Bio informatics analysis of fungal isolates on illumina Novaseq 6000 -DNBseqT7 platform. Lib: PE150 ACCT put in 3gb/samples as per details given below:-

S. No.	Description of Items	Quantity Required	
1	<p>Service of Whole Genome Sequencing and Bio informatics analysis of fungal isolates on illumina Novaseq 6000 -DNBseqT7 platform. Lib: PE150 ACCT put in 3gb/samples.</p> <p>Specification:-</p> <ol style="list-style-type: none">1. DNA Isolation from fungal samples, samples no. 352. Total DNA QC3. Sequencing-ready library preparation.4. Cluster amplification5. Sample run on NGS sequencer DNBseq T76. Total DNA libraries should be sequenced to deliver at least 10GB/sample.7. 150bp paired end reads per sample.8. Upto 90% of the sequenced bases should be of Q30 value.9. Sequenced data with FASTQ files should be uploaded on the FTP Server for download and review.10. Data analysis of Whole Genome Sequencing<ul style="list-style-type: none">✓ High quality reads (HQ data)✓ Mapping of HQ reads on the reference genome✓ Consensus sequence from mapping✓ BAM file for mapping result visualization✓ Variant calling✓ Variant annotation✓ SNP Calling annotations and statics✓ Comprehensive compiled report and data11. The complete scope of work should be done by the vendor within India.12. The laboratory should be CAP/NABL/DSR accreditation.	50	Nos



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IMPORTANT DATES

Bid Document Download Start Date	25/02/2025	
Bid Submission Start Date	25/02/2025	
Bid Submission End Date	05/03/2025	Upto 01:00 P.M.
Bid Opening Date ((Technical + Financial)	06/03/2025	At 02:30 P.M.

For further details and online bid submission please visit at CPP Portal <https://eprocure.gov.in/eprocure/app>


Deputy Registrar

