



Dr. Somnath Bhattacharyya
Professor in Genetics and Plant Breeding
Officer in Charge, Crop Research Unit
Research Directorate

e.mail: somnathbhat@yahoo.com,
bhattacharya.somnath@bckv.edu.in
Mohanpur, Nadia, WB 741252, India

Bidhan Chandra Krishi Viswavidyalaya,

Tender Notification

Ref. No. BCKV/CRU/2526/P I (ICAR)/Ten 10

Date. 09/01/26

Officer in Charge, Crop Research Unit, and PI, Adhoc-funded project, is inviting sealed price-quotation from the competent and bona fide vendors/ dealers having registration of GST for the supply of the following to the University within **seven days** from the date of publication of this notice on the university website as per specifications appended below (Table 1). Vendors are requested to quote for the cost of each packet, and the quoted price must include GST. The quoted price must remain valid until 31st March 2026. The order quantity may vary according to the availability of funds. The payment will be processed only after the supplied materials meet the quality and quantity requirements specified in the issued order.

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Date ____/01/26

Sl	Items/services with specifications	Qty	Cost
1	<p>NGS-based Whole genome or Transcriptome sequencing 20GB data and related analysis : Reference-based Whole Genome Sequencing (WGS) including DNA extraction, high-quality sequencing, variant discovery, gene annotation, and comparative genomic analysis from fresh plant tissue. Sample transport from field to servicing laboratory in dry ice, until extraction of high-quality DNA suitable for WGS. Sequencing Platform, Illumina NovaSeq 6000 or latest equivalent high-throughput platform: Minimum ≥ 20 GB high-quality trimmed data (Q30) per sample.</p> <p>Alignment of clean reads to <i>Oryza sativa</i> reference genome (latest version)</p> <ul style="list-style-type: none">• Reference-based assembly and mapping statistics, total reads mapped, depth and genome coverage, percentage of genome covered, mapping quality metrics.. Variant Discovery (Polymorphism Search) between two genotypes: SNP and InDel calling, Genomic position of all variants, Annotation of variants, Functional impact prediction of variants, Identification of candidate genes linked to phenotypic or agronomic traits. Raw data and analysis supporting files should be given: FASTA, GFF3, VCF and BAM files for all the samples, a detailed compiled report with figures and interpretations.	04	

(S Bhattacharyya)