

UNIVERSITY OF CALCUTTA

CREATION OF LIVELIHOOD AT KUMIRMARI, SUNDARBAN

[Funded by DST/SEED/SCS[STI/2023/1176(G)]

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Date.....

No.

QUOTATION NOTICE

Ref. No.: DST-SEED/CONS/ENVS/SK-7

Dated: 28.08.2025

Quotations for the following item(s) are invited from authorized parties for supplying the under noted items from the DST-SEED project (File no DST/SEED/SCSP/STI/2023/1176(G), to PI of the project Prof. Punarbasu Chaudhuri, Department of Environmental Science, CU, with kind attention to Joint PI of the project Dr. Surekha Kundu, Department of Botany, CU. Suppliers are hereby requested to submit their quotation including the current GST registration certificate, PAN no., copy of registration certificate with statutory authorities and other credentials within 7 days from the publication of this notice in a sealed envelope addressed to the undersigned. **Please provide a quotation complete in all aspects, otherwise, it won't be considered.** The authority reserves the right to accept/reject any quotation without showing any reason thereof.

Sl. No.	Services	Description	Qty
1.	Total Transcriptome analysis	RNA sequencing of unknown sequences of tree leaf samples using at least two reference genomes of a model plant and a dicot plant. Outputs must include- a. NGS grade isolation of RNA and quality check using kit, qualification and quantification of RNA to be carried out by Agilent Tape station and Nanodrop/Qubit Fluorometer, two way screening using at least two reference genomes of one model plant and a dicot plant, Sequencing using Illumina X-Plus Platform (about 8 Gb data/Sample) providing raw data and delivery report, assurance of technical help for data analysis up to 3 years. b. KEGG-pathway analysis, Gene ontology analysis, Wego plot , Differential gene expression analysis, Heat Map, Volcano, Quality filtration of reads, De novo assembly, Summary statistics, CDS prediction, Functional annotation using NCBI NRdb. c. Q30>80% and analysis, Library preparation using standard library prep kit and validation to be carried out using High Sensitivity D1000 Screen tape using Agilent Tape Station.	4

Yours faithfully,

S. Kundu 28.8.25

Dr. Surekha Kundu

Associate Professor, Department of Botany, University of Calcutta

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Associate Professor

Department of Botany

University of Calcutta

P. Chaudhuri
28.8.25

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