

UNIVERSITY OF CALCUTTA
DEPARTMENT OF BOTANY

Dr. Surekha Kundu
Associate Professor



35, Ballygunge Circular Road
Kolkata – 700019, W. B., India
Phone 2461-5445/4859/5277 extn 291
Fax No 91-033-2461-4849
Mobile : 9874286840
e-mail : surekhakundu@yahoo.com

QUOTATION NOTICE

Ref. No.:BOT/CSIR/SK/CONS-1

Dated: 04.12.2025

Quotations for the following item(s) are invited from authorized parties for supplying the under noted items from the CSIR-ASPIRE project (File no 37WS(0031)2023-24/EMR-II/ASPIRE), entitled “Molecular and Physiological Response against Rhizospheric Silver Nanoparticles in Tolerant and Susceptible Rice; Translocation, Systemic Accumulation and Implications in Grain and Fodder Quality” to 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 **5 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.	RNA sequencing	Transcriptome analysis of unknown sequences of monocot herb, deliverables should include- i. RNA Extraction and QC , Library preparation, Sequencing using Illumina Platform (6~7 Gb data/Sample), Q30>80% and analysis ,Raw data to be provided and report delivery. ii. The NGS grade RNA to be extracted by using specific 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. iii. Library to be prepared by using standard library prep kit, Library validation to be carried out using High Sensitivity D1000 Screen tape using Agilent Tape Station. iv. Quality filtration of reads, Summary statistics, CDS prediction, Functional annotation using NCBI NRdb, KEGG-pathway analysis, Gene ontology analysis, Wego plot , Differential gene expression analysis, Heat Map, Volcano. v. Assurance of analytical services free of cost upto at least 3years.	4

Yours faithfully,

Surekha Kundu 4.12.2025

Dr. Surekha Kundu (PI)
Associate Professor, Department of Botany, University of Calcutta

Dr. Surekha Kundu
Associate Professor
Department of Botany
University of Calcutta