



**Department of Biotechnology and Dr. B. C. Guha Centre for
Genetic Engineering and Biotechnology
University of Calcutta**

Tender Notice

Ref No: BIOTECH/AS/DBTGOI-3/C-2/2025-2026

Date: 02.01.2026

Quotations are invited for purchasing the following items from authorized vendors for the project entitled "A study to investigate mycorrhiza-like behavior of *Rhodotorula mucilaginosa* JGTA-S1 and its ability to interact with microbes" funded by the Department of Biotechnology Ministry of Science and Technology Govt. of India (Sanction No. - BT/PR45797/AGIII/103/1389/2023) currently running under my supervision. The quotations should be addressed to the undersigned at University of Calcutta, Department of Biotechnology and Dr. B. C. Guha Centre for Genetic Engineering and Biotechnology, 35 Ballygunge Circular Road Kolkata-700019, within 7 days after publishing of this notice in the official website of University of Calcutta. The undersigned reserves all the rights to reject any or all tender quotations without assigning any reason whatsoever it may be.

SL. No.	Description of Goods	Pack Size	Qty
1	Custom DNA Oligo nucleotides 5 OD, 100 nmol IDT	Per Base	4500

Yours Sincerely

Dr. Anindita Seal
Principal Investigator
Associate Professor
Department of Biotechnology,
University of Calcutta
35, Ballygunge Circular Rd, Ballygunge,
Kolkata-700019
West Bengal

Dr. Anindita Seal
Associate Professor
Department of Biotechnology
University of Calcutta



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SL. No.	Description of Goods	Pack Size	Qty
1	Transcriptome sequencing of <i>Oryza sativa</i> with Bioinformatics analysis Sequencing using Illumina platform Novaseq 6000, Library PE150, 20GB data/sample data required Q30>80% and analysis report Required • Mapping on the reference genome (as provided by customer), • Alignment summary statistics, • Differential gene expression analysis, • Gene sequences of covered genes • Functional annotation of differentially expressed genes, • List of Up regulated and down regulated genes, • Statistical significant genes, • HeatMap, Volcano Plot, Scatter plot, • KEGG pathway analysis • PCA (Principal Component Analysis) • Count file Plot	Per samples	6

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Tender Notice

Ref No: BIOTECH/AS/DBTGOI-3/C-4/2025-2026

Date: 02.01.2026

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SL. No.	Description of Goods	Pack Size	Qty
1	RNA Sequencing using Illumina PE150, (~20Gb data/Sample), Required • Mapping on the reference genome (as provided by customer), • Alignment summary statistics, • Differential gene expression analysis, • Gene sequences of covered genes • Functional annotation of differentially expressed genes, • List of Up regulated and down regulated genes, • Statistical significant genes, • HeatMap, Volcano Plot, Scatter plot, • KEGG pathway analysis • PCA (Principal Component Analysis) • Count file Plot Q30>80% and analysis report will be delivered	Per samples	6

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Tender Notice

Ref No: BIOTECH/AS/DBTGOI-3/C-5/2025-2026

Date: 02.01.2026

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SL. No.	Description of Goods	Pack Size	Qty
1	Bi directional Sanger sequencing services with Gel extraction purification	Per samples	350

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