

Guru Gobind Singh Indraprastha University
University School of Biotechnology
Sector 16-C, Dwarka New Delhi-110078

N.I.Q.#GGSIPU/USBT/MK/2019/01

Dated: 13/08/2019

NOTICE INVITING QUOTATIONS

Quotations from reliable service providers are invited for Total RNA sequencing and data analysis that should include the following services:

S. No.	Service description
1	RNA QC on Bioanalyzer and Qubit fluorometer
2.	Ribozero for rRNA depletion NGS Library preparation for RNA sequencing
3.	Sequencing: HiSeq using Illumina platform to generate 2 x150 bp PE with 15-20 million reads/sample
4.	Basic data analysis to include mapping of transcriptome data on reference genome, complete functional annotations of predicted CDS, differential RNA analysis based on FPKM, up and down-regulated genes, functional annotation of expressed/differentially expressed coding/non-coding RNA, pathway analysis using KEGG, transcription factor analysis, novel transcript identification, prediction of target genes etc. Data to be presented in the form of graphs and plots.
5.	Expected deliverables: a. RNA QC and library preparation report b. Sequence read report c. Providing raw data through FTP protocol having read-me file with explanation. d. Compiled analysis reports e. Protocols and algorithms used. f. Submission of data to NCBI g. All data in publication format.

Terms and Conditions:

1. Only recommended/certified protocols to be used for sample processing and analysis.
2. Rates should be quoted in Indian rupees per unit sample and for a total of 6 samples.
3. The price quoted should be inclusive of all taxes and the cost of collecting the samples from the lab.
4. The service provider should submit a list of at least five Government institutes where similar services have been provided.
5. Payment will be made only after submission of complete and satisfactory data analysis reports.
6. Quotes should be submitted in sealed envelope to the following address: Prof. Meenu Kapoor, Room# A-505 University School of Biotechnology, Guru Gobind Singh Indraprastha University, Sector 16C, Dwarka, New Delhi-110078.
7. Last date for submission of the quotes is 20th August 2019, 11.00 a.m.

In-charge server room for uploading on university web site.

Meenu Kapoor
Prof. Meenu Kapoor
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