

Inter University Centre for Genomics and Gene Technology
Dept. of Biotechnology
University of Kerala

QUOTATION NOTICE

No. IU-CGGT-KSCSTE -YS1/142/2017

Date: 09/01/2017

Sealed quotations are invited from reputed firms for the bioinformatic analyses of small RNAs of a plant species obtained using Next Generation Sequencing technology. The details /requirements of the works are furnished below. The interested firms are requested to furnish their offers on or before 23.01.2017

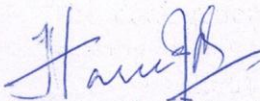
<u>Nature of Work</u>	: Small RNA Sequencing Data Analysis
<u>No of samples</u>	: 3
<u>Organism</u>	: Plant
<u>Input Data</u>	: Raw Data obtained for small RNA Sequencing project with 75bp single end run with more than 20 million reads per sample on Illumina- NextSeq Platform- data in FastQ format.

THE ANALYSIS MUST INCLUDE:

1. Raw Data Quality Checking and Report, Known Small RNA analysis report, homology based Identification and Quantitation of Known miRNAs, Expression Profiling and Differential Expression Analysis of Known miRNAs, Novel miRNA Identification (using proxy/available genome) and analysis report, Characterization of other small RNAs like siRNA, piRNA, SnoRNA, Target Prediction / Identification, Significant GO and Pathway Analysis of targets of differentially expressed miRNAs.
2. Assistance in Data Submission to NCBI GEO
3. Support in providing write up on methods and results for manuscript purpose, Re-analysis of data using specific pipelines (If requested by the reviewers), any other data analysis representations.

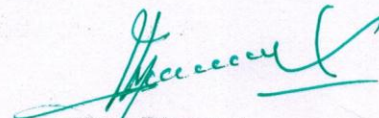
General Terms and Conditions

- All interested suppliers /vendors shall send their bids addressed to **'The Principal Investigator, KSCSTE Project, IUCGGT, Dept. of Biotechnology, University of Kerala, Kariavattom Campus, Trivandrum-695 581.**
- Quotations should be submitted within 15 days from the date of quotation notice (ie. on or before 23.01.17.). Quotations received after the last date will not be considered.
- Quoted rates should be valid at least for a period of two months
- The analysis should be completed within a period of 5-6 weeks after receiving the official order and input data.
- The data generated from the analyses should be kept confidential and avoid sharing/deposition.
- The rates should be at the inclusive of all taxes and applicable taxes as per norms should be clearly indicated.
- The payment will be partial initially and will be completed at the completion of the work. All the bills must be submitted in the triplicates to the undersigned.
- Service providers are expected to offer personalized services, training and support.
- The centre reserves the right to accept or reject any/all quotations without assigning any reason thereof.



Principal Investigator

**PRINCIPAL INVESTIGATOR
KSCSTE-YS Project, IU-CGGT
University of Kerala**



Hon. Director

Dr.A.JAYAKUMARAN NAIR
Hon . Director
Inter University Center for Genomics &
Gene Technology, Dept. of Biotechnology