Department of Zoology

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<u>Notice</u>

No-DBT/DEMEN/CON-06/2019   **Date :** 10.07.2019

The quotation in sealed envelope is being invited from the listed companies of this University of Calcutta within 10 days from the publication of this notice. Companies are requested to submit their quotations to **Dr. Madhusudan Das.**

Quotation Requirement for Whole exome sequencing for 12 samples

Technical requirements

1. Sample run on Illumina hiseq X10 sequencer to generate 2X150bp

2. QC, exome capture, sequencing-ready library preparation using **Sure Select XT Human All Exon V5+UTR**., cluster generation.

3.Average Sequencing depth/sample should be 100x

4. 8-10 gb data yeild.
5. Complete Bioinformatics Analysis required.
6. phred score Q30$\geq$ i.e minimum of 75% of the sequenced bases will be of Q30 value

Other terms:
1. The complete scope of work should be done by the vendor within India.
2. The vendor should provide a facility certificate to testify the possession of an in-house Illumina X
   Ten explicitly in name of the Company (it should not be in lease agreement or tie up/collaborative
   mode).
3. The vendor should specify the government service tax in the financial bid.
4. Summary of sample processing report should be sent on weekly basis. H. List of clients/institutes
   where firm successfully completed Whole Exome Sequencing in last one year should be submitted.
5. Vendor should provide raw data with preliminary analysis of results including Sample QC

Project Investigator

(Prof. Madhusudan Das)