

Department of Zoology

University of Calcutta

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Notice

No-ICMR/3rd/SEQ-1/2019-20

Date-8/7/2020

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

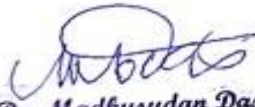
Quotation requirement for whole exome sequencing for 11 samples

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 Exom Sequencing in last one year should be submitted.
5. Vendor should provide raw data with preliminary analysis of results including Sample QC


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