



ENLIGHTENMENT TO PERFECTION

**University of North Bengal  
Office of The Registrar  
Accredited by NAAC with Grade A  
Tender Notice**

Sealed quotations are invited from interested vendors/suppliers for providing different scientific services to the Department of Microbiology, NBU. For specification, terms and conditions and other details, please visit [www.nbu.ac.in](http://www.nbu.ac.in)

ADVT. NO:- 385/R-2021  
Date:- 18-01-2021

Sd/-  
Registrar

**University of North Bengal**  
Raja Rammohunpur, Dist - Darjeeling (W.B.)

**TENDER PAPER**

Sl. No.	Item	Specification	Qty.	Rate	Discount %	Discounted price	GST %	Total amount (in Rs.) [Discounted Price+GSTXQty.]
	Services	As per Annexure-B	1					

It is certified that on behalf of the organization we are quoting the above prices as per the terms and conditions laid by the University of North Bengal in Annexure-A.

Name of the company:

Signature:

Address:

## ANNEXURE-A

### TERMS AND CONDITIONS

- (1) **The quotation shall be made strictly as per the given format. Quotations not in requisite format are subjected to be cancelled. Quantity as given in tender should be followed.**
- (2) The services should be strictly as per specification.
- (3) Taxes will be deducted at source as per prevailing rules of Central and State Government.
- (4) Bill will be released after delivery and satisfactory performance report by the HOD.
- (5) Copy of PT, Trade License, PAN and GST duly signed and stamped by the vendor shall be enclosed along with the tender.
- (6) The successful tenderer(s) shall supply the services and reports to the HOD at Department of Microbiology, University of North Bengal within 90 days without fail from the date of issue of the supply order, failing which the order will be subjected to cancellation without any prior notice.
- (7) The successful tenderer(s) shall supply certificate of completion and analysis, also a NOC for using the data obtained from the experiments for publication, artwork, literature review etc. by the HOD. All the rights on experimental data will be reserved by the HOD by all means.
- (8) The successful tenderer(s) shall supply all the recombinant organisms, vectors, primers etc. resulted from the experiments to the HOD after successful completion of the job.
- (9) **No data, artwork or any other information generated from the experiments could not be shared or supplied or duplicated without prior permission of the HOD strictly.**
- (10) Tender papers maybe downloaded from NBU website ([www.nbu.ac.in](http://www.nbu.ac.in)).
- (11) The University authority reserves the right to accept or rejects any/all quotations without assigning any reason and shall not be bound to accept the lowest quotation.
- (12) The quotation should be valid upto 31.3.2021.
- (13) The last date of submission of tender form is upto 7 (Seven) working days from the date of publication and to be opened in the Dept of Microbiology, NBU.
- (14) For any clarification regarding tender please contact with Dr. A. Bhattacharjee (HOD), Dept. of Microbiology, NBU, ( Phone no: 0353-2776319)
- (15) The duly filled up tender paper is to be sent to the under noted address.

**Head**  
**Department of Microbiology**  
**University of North Bengal**  
**Raja Rammohunpur, P.O. NBU**  
**Dist: Darjeeling. HODN-734013**

Sd/-  
Registrar

## ANNEXURE-B

### List of Services

#### Whole Genome Metagenome Analysis

1. NGS grade High quality DNA to be isolated from the supplied sample.
2. Quality checking to be carried out using agarose electrophoresis and NanoDrop.  
Quantification will be carried out using Qubit 3.0 fluorometer.
3. Library Preparation: Indexed metagenome library to be prepared for sequencing on Illumina platform.
4. Library validation to be carried out using High Sensitivity D1000 Screen tape using Agilent Tape station kit.
5. Sequencing: Prepared library to be sequenced using 2 x 150bp paired end sequencing using Nextseq500 Illumina platform.
6. Delivery of data up to ~4 GB of raw reads per sample.
7. Bioinformatic deliverables:
  - Quality filtration of data,
  - Denovo assembly of high quality reads,
  - Gene prediction
  - Taxonomic identification using kaiju
  - Abundance and identification of microbial community,
  - Functional annotation using Cognizer
  - COG, Pfam, KEGG, FIG and GO subsystem annotations
  - KEGG pathway,
  - Krona plot
  - NCBI submission (SRA)
  - Taxonomic profiling
  - Cazyme profiling
  - Profiling for genes related to thermotolerance and thermostability

Sample No(s) : 1 (one)