

University of North Bengal

Tender Notice

Sealed quotations are invited from interested vendors/suppliers for the purpose of availing external services to do Next Gen Sequencing for the Department of Microbiology, NBU. For specification, terms and conditions and other details, please visit www.nbu.ac.in

Sd/-
Registrar

Advt. No. 214/R-2018 Dated 21.12.2018

Enclosure-I

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

TENDER PAPER FOR PHOTOCOPIER

Sl. No.	Item	Specification	Qty.	Rate	GST %	Total amount with GST
1.	Next Gen Sequencing	Annexure B	01			

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 CONDITION FOR EQUIPMENT

- (1) The quoted rate shall be inclusive of all taxes.
- (2) The result of sequencing should be 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 successful delivery report and subject to satisfactory performance report by the Head of the Department.
- (5) Copy of PT, Trade License, GST and PAN card duly signed and stamped by the vendor shall be enclosed along with the tender.
- (6) The successful tenderer shall supply the report at the Department of Microbiology, University of North Bengal, within 8 weeks from the date of issue of the supply order.
- (7) 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.
- (8) The quotation should be valid for at least six months.
- (9) The brochure/catalogue of the reaction details shall be enclosed with the tender.
- (10) Selection of the agency will be made on the basis of both technical and financial bids. Technical bids and financial bids shall be sealed by the bidder in separate covers duly superscribed and both the sealed covers shall be put in bigger cover which should also be sealed and duly superscribed. Financial bids of only technically qualified bidders will be considered. In financial bid the price including GST should be mentioned clearly as per given format.
- (11) The last date of submission of tender form is 7 working days from the date of publication.
- (12) For any clarification regarding tender please contact with HOD, Microbiology (Phone No: 0353-2776319)
- (13) The duly filled up tender paper is to be sent to the under noted address.

Dr. A. Bhattacharjee
Head
Department of Microbiology
University of North Bengal
Raja Rammohunpur, P.O. NBU
Dist: Darjeeling. PIN-734013

Sd/-
Registrar

Whole Metagenome Sequencing & Analysis on Illumina Platform

Deliverables to be provided :

1. HQ data
2. Assembled data
3. ORFs sequences
4. Microbial community identification (bacteria) and their abundance in tabulated format.
Phylum, class, order, genus and species should be clearly manifested in graph format.
5. Functional annotation- KEGG, GO, PFAM, COG and FIG functional analysis in txt format.
6. Graphical Representation - Bubble Plot, Bar Plots, Krona Graph, Heatmaps.
7. Functional Annotation by Conserved CAZYme Domains from the dbscan server.
8. Taxonomic Origins of the CAZYmes Analysis and identification for putative new CAZYme homologues by plotting query coverage and alignment identity in R software.
9. A comparative approach showing the relative abundance (mean) of the most abundant subfamilies belonging to each of the CAZYme classes in the samples.
10. Comparative Analysis of Potential Function of the samples Using a Subsystem Approach
11. Comprehensive compiled report of above analysis to be provided.