Sher-e-Kashmir University of Agricultural Sciences & Technology of Jammu
Division of Soil Science & Agril-Chemistry, FoA, Chatha -180009

NIT No: AUJ/Nano-DST/22-23/F-14/939 Dated: 26.05.2022 Due on: 16.06.2022

dt- 26-05-2022

Notice Inviting Tender

On behalf of the Vice-Chancellor, SKUAST-Jammu, Principal Investigator, Nano-DST, Division of Soil Science & Agril-Chemistry, Faculty of Agriculture, SKUAST-Jammu invites tender from the principal manufacturers or authorized firms/ dealers dealing with sequencing services for the following work

S. No.	Name of the work	Qty.	Earnest Money Deposit (in Rupees)	Cost of Tender Document (in Rs.)
1	Metagenomic Sequencing of Maize Rhizosphere Samples	09	3862	1000/-

Terms and Conditions

1. The Bidding documents/NIT can be downloaded from the website www.skuast.org w.e.f 26-05-2022 from 9:30 A.M onwards.
2. The tender can be submitted from 26-05-2022 (9:30 AM) to 16.06.2022 upto 2:00 P.M.
3. Tender documents for work shall be submitted separately mentioning the name of work on the envelope.
4. List of tender documents **(as pre-qualification bid)** to be submitted:-
   i. EMD in the form of CDR/FDR pledged to Comptroller, SKUAST-J, Main Campus, Chatha, Jammu.
   ii. PAN/TIN number.
   iii. Demand draft of Rs. 1000/- towards tender processing charges, drawn in favour of Comptroller, SKUAST-J, Main Campus, Chatha, Jammu.
   iv. CDR/FDR amonut as specified against work pledged in favour of "Comptroller, SKUAST-Jammu" towards Earnest Money Deposit.
   v. Copies of Registration Certificate of GST
   vi. Authorization certificate from principal manufacturer.
   vii. The copy of the relevant Quality certificates (ISO).
   viii. List of sequencing services being provided
   ix. Undertaking of not being blacklisted by any Govt. Agency/ department.
   x. List of clients being served (Agricultural Universities/ Educational Institutes/National Institutes/others separately in the last three years) with Contact name & address with mobile no.
   xi. Bank Details on letter head along with cancelled cheque.

s Related Terms and Conditions (Annexure -1):

I. Sample should be collected from the University/Institute.

II. Raw data and bioinformatics analysis in standard file formats

III. Analysis report containing complete methodology from Sample QC to data analysis with all the tables, figures & results.

IV. Data storage and delivery through external hard drive.

V. Turnaround time should be ≤40 working days from sample QC acceptance to filtered raw data availability.

Tender shall be submitted in separate sealed envelope subscribed as, "Technical Bid" and "Financial Bid" and thereafter, sealed in envelopes duly subscribed as "Tender for Metagenomic Sequencing".

The tender must be delivered in the office of the **Principal Investigator, Nano-DST, Division of Soil Science & Agril-Chemistry, Faculty of Agriculture, SKUAST-Jammu-180009 (J&K)** on or before due date by speed post/registered post. If the office happens to be closed on the last date of receipt as specified, the same will be received on the next working day at the same time and venue.

8. Offers without processing tender Fee and EMD shall summarily be rejected.

9. The rates quoted shall remain valid atleast for 180 days.

10. Incomplete or tender received after the due date shall not be entertained.

11. The distributors/ dealers/supplier should have experience in this field and satisfactorily completed the similar nature of work.

12. In case of any controversy between the Supplier and the University, the decision of the Vice Chancellor of SKUAST-Jammu shall be final and binding on the tenderer.

13. Bids will be opened in the presence of the members of the Divisional Purchase Committee.

14. Financial bids of only those bidders will be opened; who will qualify the technical bid.

15. For further details visit website www.skuast.org

Sd/-
Principal Investigator
Nano-DST

AUJ/Nano-DST/22-23/F-14/940-942
Date: 26-05-2022

Copy to:

- Director Research, SKUAST-Jammu, Chatha, for kind information
- Incharge Data Centre for uploading on University Website
- SVC for timely Publishing of NIT in two local daily for wide publicity

Annexure-I

S.No	Requirements	Description
1.	Application	Shotgun Metagenomic Sequencing with Standard Analysis
2.	Instrument	Illumina Nova Seq 6000
3.	Sample type	Rhizosphere Sample
4.	Sample specification	Qty: 3-4 µg, Conc: 50-100ng/ µl,Vol: 50 µl
5.	No. of samples	09
6.	Sample quality control	Gel, Nanodrop , Qubit
7.	Libray preparation kit	Restriction digestion followed by customized library preparation
8.	Library QC	Bianalyzer & Qubit
9.	Read length	2 x 150 bp
10.	Sequencing kit	NovaSeq 6000 S4 reagent kitV1.5
11.	Data output /sample	3-4 GB data per sample
12.	Bioinformatics analysis	Assembly Binning Taxonomic Classification Structural Annotation Functional Annotation