

**Bidhan Chandra Krishi Viswavidyalaya**  
**CROP RESEARCH UNIT**  
**RESEARCH DIRECTORATE**

P.O. Krishiviswavidyalaya, Mohanpur, Nadia, WB- 741252, Ph: 9123756039

Somnath Bhattacharyya, Ph.D  
 Professor, Genetics and Plant Breeding and PI



e.mail: somnathbhat@yahoo.com

**e-Tender Notification**

Ref: BCKV/CRU/2324/P I (IAEA)/Ten 2

Date. 08.09.2023

Officer in Charge, Crop Research Unit, and PI, Adhoc-funded project is inviting price-quotation from the competent and *bonafide* vendors/ dealers having registration of GST for the supply of the following to the University within **ten days** from the date of publication of this notice as per specifications appended below (Table 1). **Vendors are requested to quote for the cost of a single sample, and the quoted price must be included GST and be valid for 31<sup>st</sup> March 2024.** They are also requested to upload the technical specification and other requirements, as appended in Table 1, in a separate file for Technical comparison. A demand draft of Rs 2000.00 (Two thousand only) in favour of Comptroller, BCKV, must have to be produced as the EMD charges. Vendors must have to produce experience certificate/credintials in NGS related works in the form of at least five independent orders in last one year. The payment will be processed only after completing the service desired in the issued order.

**Table -1: Tender specification of BCKV/CRU/2324/P I (IAEA)/Ten 2 of 08.09.23**

| S.No | Name of the Item   | No of Samples required. | Desired Specification  | Quote Price (Rs.) with GST for a single sample |
|------|--|-------------------------|--|--|
| 1    | Cost of whole genome resequencing of Lentil ( <i>Lens culinaris</i> ) mutants. | 6                       | Extraction of genomic DNA with assured quality in nanodrop followed by Sequencing. At least 90% of the trimmed sequenced bases must be of Q30. The sequencing depth must be 20X or above the Lentil reference genome (Genome size, 4GB); Assembling and pairwise comparison with the reference genome for SNPs and InDels are to be detected using SOAP SNP and and SOAP indel, respectively. SNP annotation (including synonymous and non-synonymous SNP mutations) and InDel annotation must be performed according to the Lentil culinaris reference genome with the assigned linkage group. Free pick up of samples in dry ice from BCKV must be assured in the quotation. |  |

Subm  
 8/9/23

As per decision of the 40th LTC meeting held on 08/09/23, tender notice is allowed to publish as per rule.  
 8/9/23

Somnath Bhattacharyya  
 (S Bhattacharyya) 08/9/23

**Dr. Somnath Bhattacharyya**  
 Prof. in Genetics and Plant Breeding  
 PI, IAEA Funded Project  
 Research Directorate  
 BCKV, Mohanpur, Nadia-741252

Forwarded to the Registrar for uploading.  
 8/9/23  
 Reg.