

**CORRIGENDUM**

Tender Enquiry No: CDFD/PUR/2024-25/IND22539, dated 21-02-2025

CPP Tender ID: 2025\_MST\_789836\_1

Subject: High Quality Long Read – Hifi, sequencing of Plant Samples 50-55 GB p data – Qty: 1 No.

Tender Document Reference: Chapter-3, Page No.15 to be replaced by the following:

Services w.r.t. High Quality Long Read Sequencing (HiFi) of 1 Plant Samples {50-55 GB Data} :

**SCOPE OF SERVICES :**

Whole genome de novo sequencing and assembly of SAMPLE sequenced on PacBio Sequel II platform, Generated data size = 50-55 GB PacBio HiFi data, and genome assembly, Gene prediction, and annotation (GFF3 file format).

**Terms and conditions:**

1. The firm must have all the necessary facilities established within India to carry out the specified work domestically. As proof, an installation certificate for an in-house PacBio Sequel II system.
2. There should be no shipment of biological material or sequence information abroad, as per the NBA /Gol norms.
3. For any infringements of the above condition, the service providers (firm) will be responsible, not the indenter or the organization.
4. The firm must provide supporting evidence of having successfully delivered similar PacBio Sequel II services to public or private institutions in India in the recent past. Acceptable proof includes purchase orders and capability to execute this project within the required timeframe.
5. High Molecular weight gDNA of more than 100kb should be isolated and qualified on Femto Pulse. DNA should be sheared using a Megaruptor
6. The 10 to 20Kb SMRT bell Library should be qualified using Femto Pulse and the size selected on blue pipping.
7. The high-quality multiplexed libraries should be sequenced on PacBio Sequel II to generate 50 to 55 GB HiFi data.
8. Contig level assembly of each genome should be performed along with genome

annotation in GFF3 format.

9. Service providers should be an Indian company certified as per ISO Standards.
10. Service provider should provide a valid Department of Scientific and Industrial Research (DSIR) certification for their Indian laboratory.

Sd/-  
(Ms.N.Punitha)  
I/c-S&P