



BID BULLETIN No. 2

This **Bid Bulletin No. 2** is hereby issued for the information and guidance of all participating bidders for the **Procurement of Next Generation Sequencer with Accessories – Ref. # 2025-04-10**

The following changes shall take effect:

- **Maximum Flow Cell:** **at least** 4 flow cell types and **at least** 14 kit configurations
- **Product safety and compliance:** **Bidders may submit one of the following:**
 - NRTL certified
 - IEC 61010-1 CE marked
 - ICC certification marks
- **Country of Origin:** Preferably USA **for NGS and all accessory equipment**
- **Inclusions:**
 - Shall include the following, but not limited to: 1 set of manual (2uL, 20uL, 100uL, 200uL, 1000uL) single channel pipettes, 1 set of electronic (20uL and 200uL) multi-channel pipettes, magnetic stand-96, bench-top microplate centrifuge, bench-top high speed microcentrifuge **(18,000-21,000-rpm) [deleted]**, multi-vortex mixer, fragment analyzer or equivalent, thermal cycler (with gradient), microplate shaker (100-1400 rpm speed). Accessories must accommodate 8-96 samples per run.
 - the brand and specifications of the included apparatus/equipment must be compatible with the sequencer offered (evidence of compatibility must be documented either in peer-reviewed journals or technical/application notes **for targeted sequencing, 16s RNA sequencing, and plant-based and animal-based DNA metabarcoding** and submitted as part of the technical documents)
 - modifications to the designated laboratory space
 - b. **floor: epoxy-resin with non-slip finish, laboratory-grade [deleted]**
 - c. dark room by tinting of glass windows and doors and providing black-out curtains for windows **in the Sequencing Section**
 - d. tables: **two non-vibrating, chemical-resistant equipment tables with modular drawers and cabinets with leg room and one equipment table in sequencing section and u-shaped non-vibrating, chemical-resistant working station table with modular drawers and cabinets with legroom in library prep section, and six chemical-resistant laboratory chairs**
 - **Bidders must have inspected the laboratory where the equipment will be placed. They have to review the proposed layout prepared by the end-user. The layout contains the terms of reference for the civil works to be done on the laboratory, such as electrical, plumbing, and structural adjustments to make it compliant with the equipment's specifications and safety standards. The Certificate of Site Inspection to be issued by the Maintenance Section must be submitted as part of the technical documents**
- Opening of bids will be moved from May 19, 2025, to **May 23, 2025, 9:00 a.m.**



Republic of the Philippines
Department of Science and Technology
FOOD AND NUTRITION RESEARCH INSTITUTE
General Santos Avenue, Bicutan, Taguig City, Philippines



Management
System
ISO 9001:2015
www.tuv.com
ID: 9108634911



This Bid Bulletin No.2 is issued to modify or amend items in the bid documents.

For guidance and information of all concerned.

ALEXIS M. ORTIZ
Chairperson
DOST-FNRI Bids and Awards Committee