



**MADAN BHANDARI
UNIVERSITY OF
SCIENCE AND TECHNOLOGY**

Chitlang, Thaha Municipality Ward 9, Bagmati Province

Addendum Notice No.1

Date: April 23, 2026 (Baisakh 10, 2083)

The University has made the following amendments to the Bidding Documents for the procurement of Supply, Delivery, Installation, Testing and Commissioning of Laboratory Equipment for GATC Lab), Contract Identification No. MBUST/G/NCB/04/2082/83 published on April 01, 2026, Wednesday (Chaitra 18, 2082) in the "Karobar" Daily Newspaper.

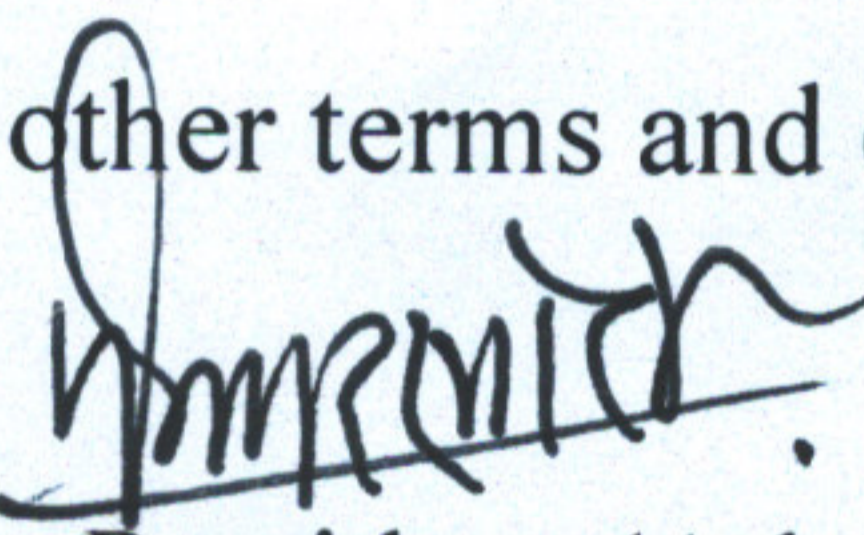
• **Item no 2: Real-Time PCR System**

S. N	Parameter	Previous specification	Addendum Specification
E	Temperature	Range: 4-100 °C	Range: 4-99.9 °C or above
K	Optical detection	Excitation: Should have 6 filtered LEDs and have the capability to detect about 6 filtered photodiodes	Excitation: Should have 6 filtered LEDs / Bright white LED and have the capability to detect about 6 filtered photodiodes/ 6 decoupled filter, or equivalent.
S	Applications	Should be able to perform the gene expression analysis, end-point analysis in the detection of the sequence, assay of protein thermal shifts, as well as optimizing assays with the use of thermal gradient, and there should be no requirement of the use of ROX in gene expression analysis.	Should be able to perform the plant gene expression analysis, especially optimization in range of temperature provided with highly accurate and uniform temperature, end-point analysis in the detection of the sequence, assay of protein thermal shifts, as well as optimizing assays with the use of thermal gradient, and there should be no requirement of the use of ROX in gene expression analysis. The specification does not reject use of ROX reference dye. However, the experiments should be independent of ROX reference dye. Requirement as additional dyes will make individual experiments more complex and expensive. This real-time PCR should be ideal for RNA sequencing validation and CRISPR edits. The system must be widely used and validated in peer-reviewed scientific publications for advanced molecular biology applications such as gene expression analysis, RNA-seq validation, and CRISPR studies.

- **Price Schedule for Goods:**

The sentence "(If there are more than one lot/package, prepare Price Schedule form for each lot/package)" has been deleted.

All other terms and conditions will remain unchanged.


Vice President (Admin and Finance)

