



ADDENDUM NO. 01

Series of 2022

This Addendum No. 01 is issued to modify or amend items in the Bidding Documents for the **Provision of Technical and Scientific Equipment for the operation of different projects**. This shall form an integral part of the Bid Documents.

Name of Project: **Provision of Technical and Scientific Equipment for the operation of different projects**
Location: CSU Campus, Ampayon, Butuan City
Brief Description: Provision of Technical and Scientific Equipment for the operation of different projects

Approved Budget for the Contract : **Php. 3,072,000.00**
Source of Funds: TRF 2022
Contract Duration: 90 Calendar Days

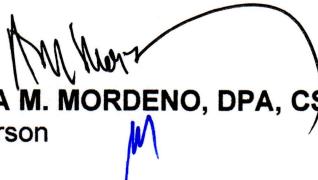
Please be informed of the changes and the inclusion of design in the Bidding Documents, as follows:

CHANGES/ AMENDMENT		
CONTRACT DURATION		
ITEM No.	DESCRIPTION	
	FROM TO Contract Duration: 60 Calendar Days Contract Duration: 90 Calendar Days	
TECHNICAL SCPECIFICATION		
1.	Tachometer - Accuracy: \pm (0.1% + digit) - Sampling Time: 1 second (60 rpm) - Time Base: Quartz Crystal - Operation Temperature: 0 – 500C - Operating Humidity: Less than 80% RH - Measurement Range: 5 to 99,999 RPM	Tachometer - Accuracy: \pm (0.1% + digit) - Sampling Time: 1 second (60 rpm) - Time Base: Quartz Crystal - Operation Temperature: 0 – 50°C or Higher - Operating Humidity: Less than 80% RH - Measurement Range: 5 to 99,999 RPM
18.	Digital Brix & Sucrose Refractometer Maximum Measurement: +80 °C, 85 %Brix Minimum Measurement: 0 %Brix, 0 °C Best Accuracy: \pm 0.2 %Brix Resolution: 0.1 %Brix, 0.1 °C Measurement Time: 1.5s Type: Digital/Optical Battery Type: 9V Battery Life: 5000, Tests Power Source: Battery Dimensions: 192 x 104 x 69mm Weight: 420g	Digital Brix & Sucrose Refractometer Maximum Measurement: +80 °C, 85 %Brix Minimum Measurement: 0 %Brix, 0 °C Best Accuracy: \pm 0.2 %Brix Resolution: 0.1 %Brix, 0.1 °C Measurement Time: 1.5s



19.	Top Loading Balance - Capacity: 220 g - Minimum Display: 0.01 g - Repeatability: 0.001 g - Linearity: +0.0002 g - Operation Ambient Temperature: 5-40 degrees Celsius - Pan Size 110 cm Diameter - Main Body Dimensions: 206 x 291 x 241 - Weight 3.8 kg. (TX); 4.2 kg (TW) - Power Requirements: 12 V, 1 A	Top Loading Balance - Capacity: 220 g or higher - Minimum Display: 0.01 g - Repeatability: 0.001 g - Linearity: +0.0002 g - Operation Ambient Temperature: 5-40 degrees Celsius - Pan Size 110 cm Diameter - Main Body Dimensions: 206 x 291 x 241 - Weight 3.8 kg. (TX); 4.2 kg (TW) - Power Requirements: 12 V, 1 A
20.	Digital Hotplate Magnetic Stirrer Magnetic stirrer, with display, stirring hot plates: cat no. -230V/50hz - 6798-420D, Temp./stir range: 60-1150RPM, Top plate size: 5" x 7" or (12.7cm x 17.8cm) with complete accessories. Temperature Range: 50-360 degrees Coated Plate Size: 6" x 6"	Digital Hotplate Magnetic Stirrer Magnetic stirrer, with display, stirring hot plates: cat no. -230V/50hz - 6798-420D, Temp./stir range: 60-1150RPM, Top plate size: 5" x 7" or (12.7cm x 17.8cm) or higher with complete accessories. Temperature Range: 50-360 degrees or higher Coated Plate or Ceramic Size: 6" x 6"
30.	Vortex Mixer Color Space: CIELab Color Difference: delta E ab Range: 0-100 light Source: D65 Sensor: Photodiode Array Power: Electronic	Vortex Mixer Max Speed: 3,000 rpm Orbit: 5.0mm Top head Dimension: Rubber Cup Head with # 26mm Variable Speed Control, Continuous Specification or automatic press start, fast thorough, and quiet vortex mixing action but vibration free,

For guidance and information of all concerned.


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BAC Chairperson