



Republic of the Philippines
ILOILO SCIENCE AND TECHNOLOGY UNIVERSITY
La Paz, Iloilo City
• Trunkline: (033)320-7190 • Telefax: (033)329-4274
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SUPPLEMENTAL / BID BULLETIN

OCTOBER 25, 2022

ADDENDUM NO. 01

This supplemental/bid bulletin is being issued to further clarify the **technical specifications** of items for the **Procurement of Laboratory Equipment for CEA Fund 101 – Early Proc.**

Project Reference Number : **ISAT U GOODS-2022-09-092**
Location of the Contract : **ISAT University Main Campus, Burgos Street, La Paz, Iloilo City**
Approved Budget : **PHP 900,000.00**

Please be informed of the **additional technical specifications** of the items, as follow;

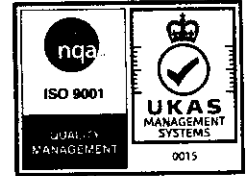
Item #1:

All Exercises and Practical possibilities to be done with the Main Unit:

- Sampling theorem.
- Monopolar simple ramp converter.
- Monopolar double ramp converter.
- Monopolar binary ramp converter.
- A/D integrated converter. Monopolar assembly.
- A/D integrated converter. Bipolar assembly.
- Flash converter.
- D/A converter of weighted divider resistors.
- Analog switches errors.
- D/A converter of R-2R ladder.
- Current division in R-2R ladder converter.
- D/A converter of inverted ladder.
- D/A integrated converter
- Serial data input D/A converter.
- D/A converter of pulse width modulation
- Many students view results simultaneously.
- To view all results in real time in the classroom by means of a projector or an electronic whiteboard.
- Open Control, Multi control and Real Time Control.
- This unit allows intrinsically and/or extrinsically to change the span, gains; proportional, integral, derivative parameters; etc, in real time.
- The Computer Control System with SCADA allows a real industrial simulation.
- This unit is totally safe as uses mechanical, electrical/electronic, and software safety devices.
- This unit can be used for doing applied research.
- This unit can be used for giving training courses to Industries even to other Technical Education Institutions.
- Control of the unit process through the control interface box without the computer.
- Visualization of all the sensors values used in the unit process.



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Delivery Period: 45 Calendar days instead of 20 Calendar Days

Aftersales Services: Demo and Trainings upon installation, Available Technicians for repair of the Units

This Supplemental Bid Bulletin No. 1 shall form part of the Bidding Documents.
For the guidance and information of all concerned.


DR. CORAZON C. CORBAL
BAC Chair 