



Republic of the Philippines
NUEVA ECIJA UNIVERSITY OF SCIENCE AND TECHNOLOGY
Cabanatuan City
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INVITATION TO BID

The Nueva Ecija University of Science and Technology (NEUST) through its Bids and Awards Committee (BAC), invites entities to bid for the hereunder projects:

Name of Project: SUPPLY AND DELIVERY OF LABORATORY EQUIPMENT FOR ELECTRONICS TECHNOLOGY

Location: College of Industrial Technology, NEUST, Gen. Tinio (St.) Cabanatuan City

Approved Budget for the Contract (ABC): Php 1,000,000.00

Contract Duration: 90 Calendar Days

Fund Source: GAA

Bid Documents: Php 1,000.00

Description: 1 LOT - LABORATORY EQUIPMENT FOR ELECTRONICS TECHNOLOGY

6 – Units: Digital Dual Trace Digital Oscilloscope, 100mhz

- 100mhz Main Parameters: 2 channels digital oscilloscope with 100MHz bandwidth, 1GSa/s sample rate, 30,000wfms/s waveform capture rate, 24Mpts storage depth, 2ns/div~50s/div time base range, ≤ 17.5 ns rise time. 7.0-inch High Resolution LCD Display: 7" WVGA TFT colored LCD screen with 800*480 pixels that clearly display waveform parameters. 30,000 wfms/s Waveform Refresh Rate: easier to capture the occasional abnormal signals. 24M Storage Depth: the standard 24M long storage depth allows you to take both of the whole waveform and the details into account, and keep the highest sampling rate in a longer time, will not missing any waveform changes.

3 – Units: Digital Function Generator, 25MHz

- 25 MHz, 2 ch, 200MS/s Waveform Generator with deep memory arbitrary waveform capability and SiFi signal fidelity technology DG1022Z 25 MHz Arbitrary Function Generator with second channel SiFi (Signal Fidelity) for 100% waveform replication 2Mpts or 8Mpts/CH(std.), 16Mpts/CH (opt.) arbitrary waveform length Standard 2 full functional independent channels ± 1 ppm frequency stability, -125dBc/Hz phase noise, 200ps low jitter Built-in 8 orders harmonics generator Built-in 7 digits/s counter up to 200MHz 160 built-in pre-edited waveforms Intuitive arbitrary waveform editing software Full modulation supported: AM, FM, PM, ASK, FSK, PSK and PWM.

3 – Units: 30V 10A Adjustable DC Power Supply

- 0-30V 0-10A Adjustable Digital Display DC Power Supply Switching Power Source AC110/220V Input High precision LED digital display offers intuitive and clear reading Intelligent temperature control fan has good heat dissipation effect that can effectively prolong the service life and less noise Advanced technology effectively reduces the weight of the power supply, convenient for moving power supply Variety of protection function including over current protection (OCP) composition among, over temperature protection (OTP), over power protection (OPP)

4 – Units: Digital Frequency Counter, 2.4Ghz

- It is a high-resolution multifunction intelligent frequency counter based on microprocessor.
- Frequency, period and equal-precision measurement.
- 3-step function selection, work state, unit and 8-digit LED display.
- Continuous and adjustable gate time.
- Low frequency and other precision measurement.
- Input attenuation, AC/DC coupling select

3 – Units: LED/LCD/OLED Universal Mainboard Tester

- Equipped with 7-inch high-definition (1024 * 600) display can be directly displayed on the motherboard images sent at the same time output 1080P / 60Hz HDMI can be directly connected to the external

display or TV; 2, support for 2K television products, single and double line of 60Hz, 120Hz, 240Hz resolution LVDS signals; 3, support 4K TV products V-by-One (including 4, 8, 16) signal conversion into full-screen output, compatible; 4, Automatic recognition LVDS, V-by-One signal, through the key to LVDS (2K mode), V-byOne (4K mode) cycle switching; 5, wide power input design, support 5V-12V adapter (recommended 5-6V / 2A or more current power adapter). 6, the converter not only supports 8bit \ 10bit VASA, JEIDA and other formats of LVDS signals, also supports 60Hz, 120Hz, 240Hz single-screen and dual-screen line LVDS signals to support 4, 8, 16 V- by-One (30/60 / 120Hz) signal, compatible with all LVDS, V-by-One signal movement motherboards. The converter also comes with 7-inch screen display, home test board more convenient, well received by the maintenance, maintenance engineers no longer have to worry about the lack of testing, aging screen tooling problems. For the factory production test, it outputs 1080P HDMI format signals, direct external display and TV display, display resolution higher. 7, built-in input interface protection circuit, even if the screen into the power, it will not burn the converter, unlike other brand converter to engage in a lot of protection small board so much trouble, the product is more convenient to use. Product Description: This converter uses aluminum alloy outer shell, easy to carry, while 2K, 4K compatibility is excellent, it is important that the interface protection circuit through hundreds of tests to protect the perfect, tested, is the wrong screen power supply into the LVDS input pin Will not burn the converter, unlike other brand converter also need to be accompanied by another hundred yuan protection plate, do not spend money, but also lead to complex connections, affecting the appearance, carrying more inconvenient, we are integrated protection design,

2 – Units: Full High-Definition Digital Video Camera with Tripod

Product details Andoer HDV-AZ50 Portable Real 4K 30FPS WiFi Digital Video Camera Camcorder 3.1 Inch IPS Touchscreen 64X Digital Zoom IR Night Vision Camcorder with 0.39X Super Wide Angle Lens 1080P/4K (30FPS) Video: Real 4K quality (3480*2160 30FPS). It has very fluent and ultra-high-definition motion pictures to record professional and lifelike videos. 3.1 inches IPS touchscreen shows much better quality and vivid images and videos. Adopt for Sony COMS 13MP Sensor: ORDRO AZ50 adopts for Sony high-sensitivity 13MP sensor, you can easily capture 4K images with high image capture speed and faster image processing. With HEVC H.265 video encoding format, it has faster image quality acquisition rate and image processing capability. 64X Digital Zoom: Easy to zoom in/out. Record clearly and remotely with the 64x digital zoom. Time-lapse Recording: Support time-lapse shooting (1s, 5s, 10s). Time-lapse photography compresses videos taken in minutes, hours or more for a short time and plays them as video. Wifi Connection & Night Vision: ORDRO App VF Cam changes your smartphone into a real-time remote to control the camcorder. When you finish recording, it is also very easy to download the recorded videos to your smart phone and share to Ins and Facebook. Night vision allows you to shoot clear 4K image in the dark environment (IR image is black and white). Stereo Microphone & Wide-Angle Lens: For Stereo microphone, the dual-addiction complementary interference sound collection technology has wide pickup distance, wide frequency and clear sound. This video camera is equipped with a 2-in-1 0.39x (with macro lens) wide angle lens for a wider range of shooting, If you need close-up shots, use a macro lens please. HC-1 Camera Handheld Holder: The foldable handheld holder is used to increase the stability when shooting. It adopts U-shaped design and groove grip adds comfort and eases the long shooting.

Warranty, Terms and Conditions:

1-year product warranty

Training workshop at Nueva Ecija University of Science and technology after completion of deliver

Semi-annual product inspection for 2 years

The schedule of the bidding activities are as follows:

Activities	Schedule
Advertisement/Receipt of Letter of Intent	January 5 – January 12, 2021
Pre-bid Conference	January 13, 2021– 9:00 A.M. NEUST President’s Office Conference Room, Sumacab Campus, Cabanatuan City
Submission of Bids	January 25 2021, UNTIL 5:00 PM NEUST President’s Office Conference Room, Gen. Tinio St., Cabanatuan City
Opening of Bids	January 26, 2021, 9:00 AM

	NEUST President's Office Conference Room, Sumacab Campus, Cabanatuan City
Post Qualification	January 27, 2021, 9:00 AM NEUST President's Office Conference Room, Sumacab Campus, Cabanatuan City

Letter of Intent must be submitted on or before 5:00PM on January 12, 2021.

Bidding will be conducted through open competitive bidding procedures using a non-discretionary "pass/fail" criterion as specified in the 2016 Revised Implementing Rules and Regulations (IRR) of Republic Act (RA) 9184, otherwise known as the "Government Procurement Reform Act".

Bidding is restricted to Filipino citizens/sole proprietorships, partnerships, or organizations with at least sixty percent (60%) interest or outstanding capital stock belonging to citizens of the Philippines, and to citizens or organizations of a country the laws or regulations of which grant similar rights or privileges to Filipino citizens, pursuant to RA 5183.

A complete set of Bidding Documents may be acquired by interested Bidders from January 13-25, 2021 upon payment of the applicable fee for the Bidding Documents, pursuant to the latest Guidelines issued by the GPPB in the amount of P1,000.00.

It may also be downloaded free of charge from the website of the Philippine Government Electronic Procurement System (PhilGEPS) and the website of the Procuring Entity, provided that Bidders shall pay the applicable fee for the Bidding Documents not later than the submission of their bids.

Bids must be duly received by the BAC Secretariat at the address below on or before January 25, 2021, 5:00PM. All Bids must be accompanied by a bid security in any of the acceptable forms and in the amount stated in the PBD.

Bid opening shall be on January 26, 2021, 9:00AM at NEUST Conference Room, Sumacab Campus, Cabanatuan City. Bids will be opened in the presence of the bidders' representatives who choose to attend at the address below. Late bids shall not be accepted.

The Nueva Ecija University of Science and Technology reserves the right to reject any and all bids, declare a failure of bidding, or not award the contract at any time prior to contract award in accordance with Section 41 of RA 9184 and its IRR, without thereby incurring any liability to the affected bidder or bidders.

For more information concerning this bidding, please contact the following:

MS. MICHELLE A. SUPEÑA
Bids and Awards Committee Secretariat
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Approved by:

DR. HONORATO P. PANAHO
BAC Chairperson