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Philippine Government Electronic Procurement System

Award Notice Abstract (Ref No.: 3407057)

Status: Updated

<p>Reference Number: 8227260</p> <p>Control Number: 2021-11-482</p> <p>Bid Notice Title: UPGRADING OF THE TECHNOLOGY, ENGINEERING, TOURISM AND HOSPITALITY MANAGEMENT LABORATORIES OF NwSSU-MAIN CAMPUS</p> <p>Approved Budget: Php10,745,000.00</p> <p>Procurement Mode: Public Bidding</p> <p>Classification: Goods</p> <p>Category: Laboratory Supplies and Equipment</p> <p>Applicable Procurement Rules: Implementing Rules and Regulations</p> <p>Funding Source: Government of the Philippines (GOP)</p> <p>Funding Instrument: Loans / Grants</p> <p>Area of Delivery: Samar</p> <p>Delivery Period: 45 Day/s</p> <p>Contact Person: Floriza Morilao</p> <p>Created By: Floriza Morilao</p>	<p>NORTHWEST SAMAR STATE UNIVERSITY Rueda Extension Calbayog City Samar, Region VIII, Philippines</p> <p>UPGRADING OF THE TECHNOLOGY, ENGINEERING...(LOT 4)</p> <p>Awardee : HEXATRONICS MARKETING</p> <p>Address : PONEVE BUSINESS CENTER Gov. Lugay Ave, Mangga II, Matatalaib TARLAC CITY Tarlac City Tarlac, Region III, Philippines</p> <p>Contact Person : CYNDEE BAUTISTA CANLAS</p> <p>Designation : PROPRIETOR</p>	<p>Award Type: Award Notice</p> <p>Contract Amount: Php1,687,800.00</p> <p>Award Date: 29-Dec-2021</p> <p>Publish Date: 31-Dec-2021</p> <p>Date Last Updated: 12-Jan-2022</p> <p>Contract Number: 2021-12-630</p> <p>Proceed Date: 31-Dec-2021</p> <p>Contract Effectivity Date: 31-Dec-2021</p> <p>Contract End Date: 14-Feb-2022</p> <p>Created By: Floriza Abayan Morilao</p> <p>Date Created: 31-Dec-2021</p> <p>Approver: Floriza Abayan Morilao</p> <p>View Documents: 6</p>						
<p>Line Item</p> <table border="1"> <thead> <tr> <th>#</th> <th>Product/Service/Project Name</th> <th>Budget</th> </tr> </thead> <tbody> <tr> <td>4</td> <td>UPGRADING OF THE TECHNOLOGY, ENGINEERING...(LOT 4), "UPGRADING OF THE TECHNOLOGY, ENGINEERING, TOURISM AND HOSPITALITY MANAGEMENT LABORATORIES OF NwSSU-MAIN CAMPUS" (Lot 4: Supply & Delivery of FACET) (see attachments), 41000000, 1, Lot</td> <td>Php1,690,000.00</td> </tr> </tbody> </table>			#	Product/Service/Project Name	Budget	4	UPGRADING OF THE TECHNOLOGY, ENGINEERING...(LOT 4), "UPGRADING OF THE TECHNOLOGY, ENGINEERING, TOURISM AND HOSPITALITY MANAGEMENT LABORATORIES OF NwSSU-MAIN CAMPUS" (Lot 4: Supply & Delivery of FACET) (see attachments), 41000000, 1, Lot	Php1,690,000.00
#	Product/Service/Project Name	Budget						
4	UPGRADING OF THE TECHNOLOGY, ENGINEERING...(LOT 4), "UPGRADING OF THE TECHNOLOGY, ENGINEERING, TOURISM AND HOSPITALITY MANAGEMENT LABORATORIES OF NwSSU-MAIN CAMPUS" (Lot 4: Supply & Delivery of FACET) (see attachments), 41000000, 1, Lot	Php1,690,000.00						
<p>Reason for Award : Single Calculated and Responsive Bidder</p>								

NORHTWEST SAMAR STATE UNIVERSITY
TELEFAX NO. 055-2093122

Project Reference No: 2021-11-482
Name of Project: Upgrading of the Technology,
Engineering, Tourism and
Hospitality Management
Laboratories of NwSSU- Main
Campus
Location of Project: NwSSU, Calbayog City

Standard Form Number: SF-GOOD-49
Revised on: May 24, 2004

Republic of the Philippines
NORTHWSET SAMAR STATE UNIVERSITY
Rueda Street, Calbayog City
Telefax No. (055) 2093122

NOTICE TO PROCEED

December 31, 2021

MS. CYNDEE B. CANLAS
Proprietor/Owner
HEXATRONICS MARKETING
Poneve Bus. Ctr., Gov. Lugal Ave., Mangga II
Brgy. Matatalaib, Tarlac City

Dear Ma'am:

The attached Contract of Agreement with Contract Price of **One Million Six Hundred Eighty Seven Thousand Eight Hundred Pesos (P 1,687,800.00)** having been approved, notice is hereby given to **HEXATRONICS MARKETING** for the **"UPGRADING OF THE TECHNOLOGY, ENGINEERING, TOURISM AND HOSPITALITY MANAGEMENT LABORATORIES OF NWSSU-MAIN CAMPUS"** (Lot 4: Supply & Delivery of FACET) effective upon receipt of this Notice.

Upon receipt of this notice, you are responsible for performing the services under the terms and conditions of the Agreement and in accordance with the Implementation Schedule.

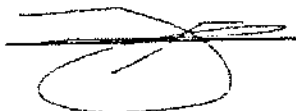
Please acknowledge receipt and acceptance of this notice by signing both copies in the space provided below. Keep one copy and return the other to Northwest Samar State University.

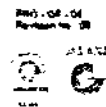
Very truly yours,


BENJAMIN S. PECAYO, Ed.D.
University President

I acknowledge receipt of this Notice on DEC. 31, 2021

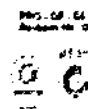
Name of the Representative of the Bidder JUSTINE JOHN V. EUGENIO

Authorized Signature: 






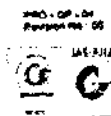
PROCUREMENT OFFICE
 Email: procurement@nwssu.edu.ph
 TELEFAX: PDDT - (055) 2093122
PURCHASE ORDER

Supplier: HEXATRONICS MARKETING		P.O. No. 2021-12-630			
Address: PONEYE BUS. CTR., GOV. LUGAY AVE., MANGGA 9, BRGY. MATATALAB, TARLAC CITY		Date Prepared 31 Dec 21			
TIN: 405-444-582-000		P.R. No. 2021-11-482			
		Mode of Procurement Public Bidding			
Gentlemen: This is our CONTRACT, please furnish this Office the following articles subject to the terms and conditions contained/attached herein. *Suit's arising from this Contract shall only be filed in the appropriate trial courts in the City of Calbayog, to the exclusion of all other courts.*					
Place of Delivery Supply Office, NwSSU-Main Campus, Calbayog City		Delivery Term 45 cd.			
Date of Delivery Commence upon receipt of NTP		Payment Term:			
Stock/Property No./Item No.	Unit	Description	Quantity	Unit Cost	Amount
"Upgrading of the Technology, Engineering, Tourism and Hospitality Management Laboratories of NwSSU- Main Campus"					
LOT 4: SUPPLY and DELIVERY of FACET - ECE					
1	set	Fault Assisted Circuit for Electronics Training (FACET)- Electric Circuit Fundamentals with Four (4) units Bench Top Digital Multimeter Manual Base Unit with Built-in Power Supply consisting of:			
1.1	unit	<ul style="list-style-type: none"> - Manual Base Unit with Built-In Power Supply - Power Cord -Nema 5-15 Features of this equipment shall include: - Distributed ±15 V dc and variable ±0-10 V dc power to the various circuit training modules. Coarse and fine controls are provided to adjust the variable ±0-10 V dc supplies. - Self-protection against short circuit, reverse voltage, overvoltage, and overcurrent conditions. - Long-life ZIF connector, with a rotary knob that locks the training module into the base unit. The ZIF connector itself is protected from damage by built-in stops. - The fingers on the connectors are gold-plated for added durability. - Included is an accessory kit containing terminal posts, connectors, adapters, and patch cords required to perform experiments on the training module. - A total of thirty-two circuit modifications (CM) and Fault switches. Students manually select CM switches as the course progresses, while the protected Fault switches are reserved for Instructor use by means of an integrated locking cover assembly. - External Power: o Requirement: 220V ac o Output: ±15 V dc and 0 to ±10 V dc o Protection: Short Circuit, Reverse Voltage, Overvoltage, Overcurrent Power Requirements: Service Installation: Standard single-phase ac outlet Voltage: 100-250 V ac Current: 0.4-0.65 A Frequency: 50/60 Hz Physical Characteristics: Intended Location: On a table able to support the weight of the equipment Dimensions: (H x W x D) 152 x 305 x 356 mm (6 x 12 x 14 in) Net Weight: 3.1 kg (6.9 lb)	1	187,800.00	187,800.00
- page 1 of 10 -					
page 1 Subtotal					187,800.00
In case of failure to make the full delivery within the time specified above, a penalty of one-tenth (1/10) of one percent for every day of delay shall be imposed on undelivered items and/or other possible sanctions be imposed. No delivery within the contract duration, the University has the right to cancel the P.O.					
Conforms:		Very truly yours,			
<u>HEXATRONICS MARKETING</u> Signature Over Printed Name of Supplier 12/31/2021 Date		<u>BENJAMIN S. PECAYO, Ed. D.</u> University President			
Fund Cluster: _____ Funds Available: _____		ORS/BURS No.: _____ Date of the ORS/BURS: _____ Amount: _____			
<u>CORNELIO C. BAUTISTA JR.</u> Signature Over Printed Name of Chief Accountant/ Head of Accounting Division Unit					
End-User: CET					


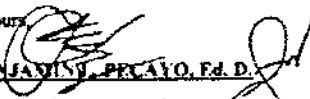
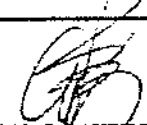


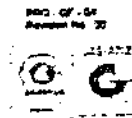
PROCUREMENT OFFICE
 Email: procurement@nwssu.edu.ph
 TELEFAX - PLOT - (055) 2093122
PURCHASE ORDER

Supplier: HEXATRONICS MARKETING		P. O. No.: 2021-12-630			
Address: PONEVE BUS. CTR., GOV. LUGAY AVE., MANGSAH, BRGY. MATATALAIB, TARIAC CITY		Date Prepared: 31 Dec 21			
TIN: 406-444-592-000		P.R. No.: 2021-11-492			
		Mode of Procurement: Public Bidding			
Gentlemen: This is our CONTRACT , please furnish this Office the following articles subject to the terms and conditions contained/attached herein. *Suit's writing form this Contract shall only be filed in the appropriate trial courts in the City of Calbayog, in the exclusion of all other courts.					
Place of Delivery: Supply Office, NWSSU Main Campus, Calbayog City		Delivery Term: 45 d.			
Date of Delivery: Commence upon receipt of NTP		Payment Term:			
Stock/Property No./Item No.	Unit	Description	Quantity	Unit Cost	Amount
12	unit	Function Generator Waveform Types: Sine, Square, Ramp, Noise, Arbitrary Waveform Number of Channels: 2 Display Type: LCD Frequency Range (Square, Pulse and Arbitrary Waveform): 0.1Hz to 25MHz Time Base Accuracy: ±1 count Input Impedance: 1kΩ/1pF Output Impedance: 50Ω nominal Internal Linear and Log Sweep: Yes FM Modulation: Yes Internal and External Amplitude Modulation: Yes STORE/RECALL: 10 Groups of Setting Memories Interface Type: USB Signal Type (Range, Resolution & Accuracy) Sine: 0.1Hz - 5MHz, 0.1Hz, & ±20ppm Square: 0.1Hz - 5MHz, 0.1Hz, & ±20ppm Ramp (Triangular): 0.1Hz - 1MHz, 0.1Hz, & ±20ppm Amplitude: Range: 1mVpp to 10Vpp(into 50), 0.1Hz-20MHz; 2mVpp-20Vpp(open-circuit), 0.1Hz to 20MHz Accuracy: ±2% of setting ±1mVpp(at 1kHz, >10mVpp) Resolution: 0.1mV or 3digits Flatness: ±1%(0.1dB) 100kHz; ±3%(0.3dB) 5MHz; ±4%(0.4dB) 12MHz; ±7%(2dB) 20MHz; ±5%(0.4dB) 25MHz Units: Vpp, Vrms, dBm Offset: Range: ±5Vpk ac+dc(into 50), ±10Vpk ac+dc(open circuit); ±2.5Vpk ac+dc(into 50) for 0.20MHz-25MHz; ±5Vpk ac+dc(open circuit) for 20MHz-25MHz Accuracy: 2% of setting + 5mV+ 0.5% of amplitude Waveform Output: Impedance: 50Ω typical (fixed); >300k (output disabled) Protection: Short-circuit protected; Overload relay automatically disables main output Sync Output: Level: TTL-compatible into >1kΩ Impedance: 50Ω nominal Rise or Fall Time: ≤ 25ns	1	120,000.00	120,000.00
-page 2 of 10-					
page 2 Subtotal					120,000.00
In case of failure to make the full delivery within the time specified above, a penalty of one-tenth (1/10) of one percent for every day of delay shall be imposed on undelivered items and/or other possible sanctions be imposed. No delivery within the contract duration, the University has the right to cancel the P.O.					
Conforms:		Very truly yours,  BENJAMIN E. PECAYO, P.D. University President			
Signature Over Printed Name of Supplier  HEXATRONICS MARKETING Signature Over Printed Name of Supplier 12/31/2021 Date					
Fund Cluster: _____ Funds Available: _____  CORNELIO C. BALTISTA JR. Signature Over Printed Name of Chief Accountant Head of Accounting Division Unit		ORS/BURS No.: _____ Date of the ORS/BURS: _____ Amount: _____			
End-User: GET					






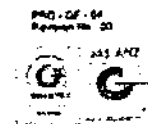
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 Email ad: procurement@nwsu.edu.ph
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Address: PONEVE BUS. CTR., GOV. LUGAY AVE., MANGGA II, BRGY. MATATALAIB, TARLAC CITY		Date Prepared: 31 Dec 21			
IDN: 406-444-582-000		P.R. No.: 2021-11-482			
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Place of Delivery: Supply Office, NWSU-Main Campus, Calbayog City		Delivery Term: 45 cal.			
Date of Delivery: Commence upon receipt of NTP		Payment Term:			
Stock/ Property No./Item No.	Unit	Description	Quantity	Unit Cost	Amount
1.3	unit	BENCH TOP DIGITAL MULTIMETER Main Function: Basic Measurement Function: - DC Voltage: 200 mV ~ 1000 V - DC Current: 200 μ A ~ 10 A - AC Voltage: True-RMS, 200 mV ~ 750 V - AC Current: True-RMS, 20 mA ~ 10 A - 2/4-Wire Resistance: 200 Ω ~ 100 M Ω - Capacitance: 2 nF ~ 10000 μ F - Continuity Test: Range is fixed at 2 k Ω - Diode Test: Range is fixed at 2.0 V - Frequency Measurement: 20 Hz ~ 1 MHz - Period Measurement: 1 μ s ~ 0.05 s - Temperature: Support for TC and RTD sensor Main Feature: - Real 5 1/2 digits readings resolution - Up to 150 rdgs/s measurement speed - True-RMS AC Voltage and AC Current measuring - 1Gb NAND Flash size, Mass storage configuration files and data files - Built-in cold terminal compensation for thermocouple - With easy, convenient and flexible any sensor measurement control software: UltraSensor - Support remote control via commands and compatible with commands of main stream multimeters	1	175,000.00	175,000.00
1.4	unit	Board: DC Network Theorems This board shall include the following circuit blocks: - Kirchoff's Current Law - Kirchoff's Voltage Law - Kirchoff's Laws Combined - Kirchoff Solution with two Sources Superstition - Thevenin Circuits - Thevinizing a Bridge Circuit - Thevenin/Norton Conversion - T Network, Y Network - Network, Network	1	191,500.00	191,500.00
- page 3 of 10 -					
page 3 Subtotal					
366,500.00					
In case of failure to make the full delivery within the time specified above, a penalty of one-tenth (1/10) of one percent for every day of delay shall be imposed on undelivered item/s and/or other possible sanction/s be imposed. No delivery within the contract duration, the University has the right to cancel the P.O.					
Confirmed:  HEXATRONICS MARKETING Signature Over Printed Name of Supplier 12 / 31 / 2021 Date		Very truly yours,  BENJAMIN PRECAYO, Ed. D. University President			
Fund Cluster: _____ Funds Available: _____  CORNELIO C. BAUTISTA JR. Signature Over Printed Name of Chief Accountant/ Head of Accounting Division/Unit		ORS/BURS No.: _____ Date of the ORS/BURS: _____ Amount: _____			
End-User: CET					



PROCUREMENT OFFICE
 Email: procurement@nwsu.edu.ph
 TELEFAX: PLDT - (055) 2093122
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Address: PONEVE BUS. CTR., GOV. LUGAY AVE., MANGGA II, BRGY. MATATALAIB, TARLAC CITY		Date Prepared: 31 Dec 21			
TIN: 406-444-587-000		P.R. No.: 2021-11-482			
		Mode of Procurement: Public Bidding			
Gentlemen: This is our CONTRACT, please furnish this Office the following articles subject to the terms and conditions contained/attached herein. *Suits arising from this Contract shall only be filed in the appropriate trial courts in the City of Calbayog, to the exclusion of all other courts.*					
Place of Delivery: Supply Office, NwSSU-Main Campus, Calbayog City		Delivery Term: 45 cd.			
Date of Delivery: Commence upon receipt of NTP		Payment Term:			
Stock/Property No./Item No.	Unit	Description	Quantity	Unit Cost	Amount
1.5	unit	AC 1 Fundamentals This board shall include the following circuit blocks: - Generator Impedance - AC/DC Waveforms - Phase Angle - Inductance/Inductive Reactance - Transformer - Capacitance/Capacitive Reactance - RC Time Constraints - RC/RL Wave Shapes Courseware: The curriculum shall consist of illustrated student manuals and instructor guides. The manuals shall be divided into two categories: Student Manuals and Instructor Guides. Student manuals shall include a description of the objectives, a list of required equipment, a list of safety procedures, and a detailed list of steps required to attain the objectives safely and efficiently. The topics shall be introduced in different exercises. Review questions at the end of each exercise shall allow the student to verify what was learned in the student manual. Instructor guides may be used to evaluate students and verify that they have understood the current topic. Instructor guides may be used to evaluate students and verify that they have understood the current topic. The following topics shall be covered by the curriculum: DC Network Theorems - Component Location and Identification - Circuit Board Operation - Currents in Two-Element Branch Circuit - Node Currents in a Two-Element Branch Circuit - Voltages in a Three-Element Series Circuit - Algebraic Sum of Voltages in a Series Circuit - Generating Loop Equations - Generating Node Equations - Kirchhoff's Voltage Law with a Two-Source Circuit <i>-page 4 of 10-</i>	1	185,700.00	185,700.00
<i>page 4 Subtotal</i>					185,700.00
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Conforme:		Very truly yours,  BENJAMIN P. PECAYO, Ed.D. University President			
 HEXATRONICS MARKETING Signature Over Printed Name of Supplier 12/31/2021 Date					
Fund Cluster: _____ Funds Available: _____  CORNELIO C. BAUTISTA, JR. Signature Over Printed Name of Chief Accountant/ Head of Accounting Division/Unit		ORS/BURS No.: _____ Date of the ORS/BURS: _____ Amount: _____			



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Address: PONVE BUS. CTR., GOV. LUGAY AVE., MANGGA II, BRGY. MATATALAIB, TARLAC CITY	Date Prepared: 31 Dec 21
TIN: 406-444-582-000	P. R. No.: 2021-11-482
	Mode of Procurement: Public Bidding

Conditions:
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Place of Delivery: **Supply Office, NwSSU-Main Campus, Calbayog City** Delivery Term: **45 cal.**
 Date of Delivery: **Commence upon receipt of NTP** Payment Term:

Stock/ Property No./Item No.	Unit	Description	Quantity	Unit Cost	Amount
		<ul style="list-style-type: none"> - Kirchhoff's Current Law with a Two-Source Circuit - Mesh Solutions of a Two-Source Circuit - Superposition Solution for a Two-Source Circuit - Millman's Theorem Solution for Two-Source Circuit - Thevenizing a Single-Source Network - Thevenizing a Dual-Source Network - Thevenin Resistance (Rth) of a Bridge Circuit - Thevenin Voltage (Vth) of a Bridge Circuit - Thevenin to Norton Conversion - Norton to Thevenin Conversion - Tee and Wye or Pi and Delta Networks - Transformation of Delta and Wye Networks - Troubleshooting Basics - Troubleshooting DC Networks <p>AC 1 Fundamentals</p> <ul style="list-style-type: none"> - The Oscilloscope - The AC Waveform Generator - AC Amplitude Measurement - Measuring AC Voltage, Current, and Impedance with an Oscilloscope - Measuring and Setting Frequency - Inductors - Phase Angle - Inductors in Series and in Parallel - Fundamentals of Inductive Reactance - Inductive Reactance and Impedance - Series RL Circuits - Parallel RL Circuits - What is an Electromagnetic? - Transformer Windings - Mutual Inductance - Transformer Turns and Voltage Ratios - Transformer Secondary Loading - Capacitors - Capacitors in Series and in Parallel - Fundamentals of Capacitive Reactance - Series RC Circuits 			

-page 5 of 10-

page 5 Subtotal

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Conforms:

HEXATRONICS MARKETING
 Signature Over Printed Name of Supplier
 12/31/2021
 Date

Very truly yours

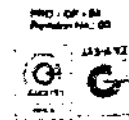
BENJAMIN C. PECAYO, Ed. D.
 University President

Fund Cluster: _____
 Funds Available: _____

CORNELIO C. BAUTISTA JR.
 Signature Over Printed Name of Chief
 Accountant/ Head of Accounting Division/Unit

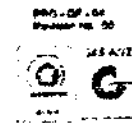
ORS/BURS No.: _____
 Date of the ORS/BURS: _____
 Amount: _____

End-User: CET


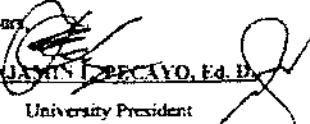



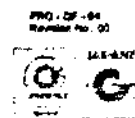
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TEN: 406-444-582-000		P.R. No.: 2021-11-482			
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Date of Delivery: Commence upon receipt of NTP		Payment Term:			
Stock/ Property No./Item No.	Unit	Description	Quantity	Unit Cost	Amount
		<ul style="list-style-type: none"> - Parallel RC Circuits - RC Time Constants - RC/RL Waveshapes - Troubleshooting Basics - Troubleshooting the AC 1 Fundamentals Circuit Board Warranty, Terms and Conditions: <ul style="list-style-type: none"> • 2-years product warranty • 10 years availability of spare parts Bidders must submit the following: <ul style="list-style-type: none"> • Technical specifications details or technical data indicating the brand name and model of Item/s as additional technical requirements • After sales training at Northwest Samar State University after completion of delivery. • Distributor certificate 			
2	set	Fault Assisted Circuit for Electronics Training (FACET)- Digital Electronics Fundamentals with Two (2) units Dual Trace Analog Oscilloscope			
2.1	unit	Manual Base Unit with Built-In Power Supply consisting of: <ul style="list-style-type: none"> - Manual Base Unit with Built-In Power Supply - Power Cord - Nema 5-15 Features of this equipment shall include: <ul style="list-style-type: none"> - Distributed ±15 V dc and variable ±0-10 V dc power to the various circuit training modules. Coarse and fine controls are provided to adjust the variable ±0-10 V dc supplies. - Self-protection against short circuit, reverse voltage, overvoltage, and overcurrent conditions. - Long-life ZIF connector, with a rotary knob that locks the training module into the base unit. The ZIF connector itself is protected from damage by built-in stops. - The fingers on the connectors are gold-plated for added durability. - Included is an accessory kit containing terminal posts, connectors, adapters, and patch cords required to perform experiments on the training module. - A total of thirty-two circuit modifications (CM) and Fault switches. Students manually select CM switches as the course progresses, while the protected Fault switches are reserved for instructor use by means of an integrated locking cover assembly. 	1	187,800.00	187,800.00
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<p>In case of failure to make the full delivery within the time specified above, a penalty of one-tenth (1/10) of one percent for every day of delay shall be imposed on undelivered item/s and/or other possible sanction/s be imposed. No delivery within the contract duration, the University has the right to cancel the P.O.</p>					
Conforms:		<p>Very truly yours,</p> <p style="text-align: center;">BENJAMIN L. PECAVO, Ed. D. University President</p>			
<p style="text-align: center;">HEXATRONICS MARKETING Signature Over Printed Name of Supplier 12/31/2021 Date</p>					
<p>Fund Cluster: _____ Funds Available: _____</p> <p style="text-align: center;">CORNELIO C. FAUTISTA JR. Signature Over Printed Name of Chief Accountant/ Head of Accounting Division/Unit</p>		<p>ORS/BURS No.: _____ Date of the ORS/BURS: _____ Amount: _____</p>			



PROCUREMENT OFFICE
 Email ad: procurement@nwssu.edu.ph
 TELEFAX: PLDT - (055) 2093122
PURCHASE ORDER

Supplier: HEXATRONICS MARKETING			P. O. No.: 2021-12-630		
Address: PONEVE BUS. CTRL., GOV. LUGAY AVE., MANGGA II, BRGY. MATATALAIB, TARLAC CITY			Date Prepared: 31 Dec 21		
TIN: 406-444-582-000			P.R. No.: 2021-11-482		
			Mode of Procurement: Public Bidding		
Gentlemen: This is our CONTRACT, please furnish this Office the following articles subject to the terms and conditions contained/attached herein. *Suit's arising from this Contract shall only be filed in the appropriate trial courts in the City of Calbayog, to the exclusion of all other courts.*					
Place of Delivery: Supply Office, NwSSU-Main Campus, Calbayog City			Delivery Term: 45 d.		
Date of Delivery: Commence upon receipt of NTP			Payment Term:		
Stock/Property No./Item No.	Unit	Description	Quantity	Unit Cost	Amount
		<ul style="list-style-type: none"> - External Power: o Requirement: 220V ac o Output: ±15 V dc and 0 to ±10 V dc o Protection: Short Circuit, Reverse Voltage, Overvoltage, Overcurrent Power Requirements: Service Installation: Standard single-phase ac outlet Voltage: 100-250 V ac Current: 0.4-0.65 A Frequency: 50/60 Hz Physical Characteristics: Intended Location: On a table able to support the weight of the equipment Dimensions: (H x W x D) 152 x 305 x 356 mm (6 x 12 x 14 in) Net Weight: 3.1 kg (6.9 lb) 			
2.2	unit	<ul style="list-style-type: none"> Board: Digital Logic Fundamentals This board shall include the following circuit blocks: - AND/NAND - OR/NOR - XOR/XNOR - Open Collector - SET/RESET Flip-Flop - D-Type Flip-Flop - JK Flip-Flop - Tri-State Output - TTL/CMOS Comparison - Data Bus Control Additional Features: - +5 V regulated supply - Built-in clock circuit - Manual input signal control Courseware: The curriculum shall consist of illustrated student manuals and instructor guides. The manuals shall be divided into two categories: Student Manuals and Instructor Guides. 	1	220,000.00	220,000.00
-page 7 of 10-					
page 7 Subtotal					220,000.00
<p>In case of failure to make the full delivery within the time specified above, a penalty of one-tenth (1/10) of one percent for every day of delay shall be imposed on undelivered item/s and/or other possible sanction/s be imposed. No delivery within the contract duration, the University has the right to cancel the P.O.</p>					
Conformed:  HEXATRONICS MARKETING Signature Over Printed Name of Supplier 12/31/2021 Date			Very truly yours,  BENJAMIN LOPEZ CAYO, Ed. D. University President		
Fund Cluster: _____ Funds Available: _____  CORNELIO C. BAUTISTA JR. Signature Over Printed Name of Chief Accountant/ Head of Accounting Division/Unit			ORS/BURS No.: _____ Date of the ORS/BURS: _____ Amount: _____		
End-User: CET					



PROCUREMENT OFFICE
 Email: procurement@nwssu.edu.ph
 TELEFAX: PLDT - (055) 2093122
PURCHASE ORDER

Supplier: HEXATRONICS MARKETING	P. O. No.: 2021-12-630
Address: PONEVE BUS. CTR., GOV. LUGAY AVE., MANGGA II, BRGY. MATATALAIB, TAYLAC CITY	Date Prepared: 31 Dec 21
TTN: 406-444-582-000	P.R. No.: 2021-12-482
	Mode of Procurement: Public Bidding

Gentlemen:
 This is our CONTRACT, please furnish this Office the following articles subject to the terms and conditions contained/attached herein. "Suit/s arising from this Contract shall only be filed in the appropriate trial courts in the City of Calbayog, to the exclusion of all other courts."

Place of Delivery: **Supply Office, NwSSU-Main Campus, Calbayog City** Delivery Term: **45 cd.**
 Date of Delivery: **Commence upon receipt of NTP** Payment Term:

Stock/ Property No./Item No.	Unit	Description	Quantity	Unit Cost	Amount
		Student manuals shall include a description of the objectives, a list of required equipment, a list of safety procedures, and a detailed list of steps required to attain the objectives safely and efficiently. The topics shall be introduced in different exercises. Review questions at the end of each exercise shall allow the student to verify what was learned in the student manual. Instructor guides may be used to evaluate students and verify that they have understood the current topic. The following topics shall be covered by the curriculum: Digital Logic Fundamentals - Component Location and Identification - Operation of General Circuits - IC Package Fundamentals - AND/NAND Logic Functions - OR/NOR Logic Functions - Exclusive OR and NOR Gates - Dynamic Response of XOR/XNOR Logic Gates - DC Operation of a NOT and an OR-TIE - Transfer Characteristics of a Schmitt and a Standard LS TTL Gate - Set/Rest Flip-Flop - D-Type Flip-Flop - Static JK Flip-Flop Operation - Dynamic Operation of a JK Flip-Flop - Output Enable Control of a Tri-State Gate - Sink and Source Control of a Tri-State Gate - Static Trigger Levels of a TTL and CMOS - Dynamic Transfer Characteristics of TTL and CMOS - Static Control of a Data Bus - Dynamic Control of a Data Bus - Troubleshooting Basics - Troubleshooting Digital Circuits			
2.3	units	Dual Trace Analog Oscilloscope - 15 cm (6 inch) width, high luminance CRT with internal graticule, 8 x 10 divisions - Wide dynamic range even at high frequencies of -3 dB - Fast rise time with low overshoot - Flat frequency response up to half of 3 dB frequency -page 8 of 10-	2	210,000.00	420,000.00
page 8 Subtotal					420,000.00

In case of failure to make the full delivery within the time specified above, a penalty of one-tenth (1/10) of one percent for every day of delay shall be imposed on undelivered items and/or other possible sanctions be imposed. No delivery within the contract duration, the University has the right to cancel the P.O.

Conforms:

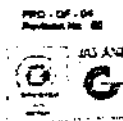
HEXATRONICS MARKETING
 Signature OR Printed Name of Supplier
 12/31/2021
 Date

Very truly yours,
BENJAMIN DECAYO, Ed. D.
 University President

Fund Cluster: _____
 Funds Available: _____
CORNELIO C. BAUTISTA JR.
 Signature Over Printed Name of Chief Accountant/ Head of Accounting Division/Unit

ORS/BURS No.: _____
 Date of the ORS/BURS: _____
 Amount: _____

End-User: CET



PROCUREMENT OFFICE
Email ad: procurement@nwssu.edu.ph
TELEFAX: PLJDT - (055) 2093122
PURCHASE ORDER

Supplier:	HEXATRONICS MARKETING	P. O. No.:	2021-12-630
Address:	PONEVE BUS. CTR., GOV. LUGAY AVE., MANGGA II, BRGY. MATATALAB, TARIAC CITY	Date Prepared:	31 Dec 21
TIN:	406-444-582-000	P.R. No.:	2021-11-482
		Mode of Procurement:	Public Bidding

Gentlemen:
This is our CONTRACT, please furnish this Office the following articles subject to the terms and conditions contained/attached herein. "Suits arising from this Contract shall only be filed in the appropriate trial courts in the City of Calbayog, to the exclusion of all other courts."

Place of Delivery: Supply Office, NwSSU-Main Campus, Calbayog City
Date of Delivery: Commence upon receipt of NTP
Delivery Term: 45 dtd.
Payment Term:

Stock/ Property No./Item No.	Unit	Description	Quantity	Unit Cost	Amount
		<ul style="list-style-type: none"> - Alternate and chopping display - Polarity Inversion and algebraic sum of CH1 and CH2 - Maximum sweep rates of 20 ns/div. - Variable scale illumination - Delayed sweep function with minimum delay time jitter of 1/20,000 or less - Jitterless and superb trigger sensitivity - TV sync separation and hold-off circuit useful for video signal observation - Brightness modulation available with Z-axis Input - Low drift with compensation circuitry - Signal delay with delay line useful for observation of signal leading edge - X-Y phase difference measurement up to 50 kHz <p>Power Requirements: Current: 0.25 A Service Installation: Standard single-phase ac outlet</p> <p>CRT Display: Type: 25.24 cm (6 in) rectangular, internal graticule, scale illumination Effective Area: 8 x 10 div (1 div = 1 cm) Acceleration Potential: 12 kV</p> <p>Vertical Deflection: Sensitivity: 5 mV/div to 5 V/div in 10 calibrated steps ±3% 1 mV/div to 1 V/div ±5% when using x5 magnifier Uncalibrated continuous control between steps 1: <2.5 Bandwidth: DC to 40 MHz (-3 dB); dc to 7 MHz (-3 dB) when using x5 magnifier Rise Time: Less than 8.8 ns Maximum input: 300 V (dc + ac peak) or 500 V p-p ac at 1 kHz or less input Coupling: AC, GND, DC Input impedance: 1 meg in parallel with 25 pF Operating Modes: CH1, CH2 (INVERT), ADD, DUAL (CHOP: Time/div sw 0.2 s - 5 ms; ALT: Time/div sw 2 ms - 0.2µs) X-Y Operation: CH1: X-axis, CH2: Y-axis</p> <p>Warranty, Terms and Conditions: - 2-years product warranty - 10 years availability of spare parts</p>			
		-page 9 of 10-			

page 9 Subtotal

In case of failure to make the full delivery within the time specified above, a penalty of one-tenth (1/10) of one percent for every day of delay shall be imposed on undelivered item/s and/or other possible sanction/s be imposed. No delivery within the contract duration, the University has the right to cancel the P.O.

Conforms:

HEXATRONICS MARKETING
Signature Over Printed Name of Supplier
12/31/2021
Date

Very truly yours,

BENJAMIN L. PECAYO, Ed. D.
University President

Fund Cluster: _____
Funds Available: _____

CORNELIO BAUTISTA JR.
Signature Over Printed Name of Chief
Accountant/ Head of Accounting Division/Unit

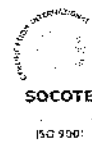
ORS/BURS No.: _____
Date of the ORS/BURS: _____
Amount: _____

End-User: CET



PROCUREMENT OFFICE
 Email ad: procurement@nwssu.edu.ph
 TELEFAX: PLDT - (055) 2093122
PURCHASE ORDER

Supplier: HEXATRONICS MARKETING		P. O. No.: 2021-12-630			
Address: PONEVE BUS. CTR., GOV. LUGAY AVE., MANGSA II, BRGY. MATATALAIB, TARLAC CITY		Date Prepared: 31 Dec 21			
TIN: 406-444-582-000		P.R. No.: 2021-11-482			
		Mode of Procurement: Public Bidding			
Gentlemen: This is our CONTRACT , please furnish this Office the following articles subject to the terms and conditions contained/attached herein. *Suits arising from this Contract shall only be filed in the appropriate trial courts in the City of Calbayog, to the exclusion of all other courts.*					
Place of Delivery: Supply Office, NwSSU-Main Campus, Calbayog City		Delivery Term: 45 cd.			
Date of Delivery: Commence upon receipt of NTF		Payment Term:			
Stock/ Property No./Item No.	Unit	Description	Quantity	Unit Cost	Amount
		Bidders must submit the following: <ul style="list-style-type: none"> • Technical specifications details or technical data indicating the brand name and model of item/s as additional technical requirements • After sales training at Northwest Samar State University after completion of delivery. • Distributor certificate <p style="text-align: center;">-Nothing follows-</p>			
					<i>Page 1 Subtotal</i> 187,800.00
					<i>Page 2 Subtotal</i> 120,000.00
					<i>Page 3 Subtotal</i> 366,500.00
					<i>Page 4 Subtotal</i> 185,700.00
					<i>Page 6 Subtotal</i> 187,800.00
					<i>Page 7 Subtotal</i> 220,000.00
					<i>Page 8 Subtotal</i> 420,000.00
		-page 10 of 10-			
Total Amount in Words: One Million Six Hundred Eighty Seven Thousand Eight Hundred Pesos Only					1,687,800.00
In case of failure to make the full delivery within the time specified above, a penalty of one-tenth (1/10) of one percent for every day of delay shall be imposed on undelivered item/s and/or other possible sanction/s be imposed. No delivery within the contract duration, the University has the right to cancel the P.O.					
Conforms:		Very truly yours			
 HEXATRONICS MARKETING Signature Over Printed Name of Supplier <u>12/31/2021</u> Date		 BENJAMIN S. PECAYO, Ed. D. University President			
Fund Cluster: _____		ORS/BURS No.: _____			
Funds Available: _____		Date of the ORS/BURS: _____			
 CORNELIO C. BAUPISTA JR. Signature Over Printed Name of Chief Accountant/ Head of Accounting Division/Unit		Amount: _____			
End-User: CET					



CONTRACT AGREEMENT

THIS AGREEMENT made the _____ day of _____ 20____ between **Northwest Samar State University** of Calbayog City, Samar, Philippines (hereinafter called "the Entity") represented by **BENJAMIN L. PECAYO, Ed.D., University President** of the one part and **HEXATRONICS MARKETING** of Gov. Lugay Avenue, Tarlac City, Tarlac (hereinafter called "the Supplier") of the other part;

WHEREAS, the Entity invited Bids for certain goods and ancillary services, particularly **"UPGRADING OF THE TECHNOLOGY, ENGINEERING, TOURISM AND HOSPITALITY MANAGEMENT LABORATORIES OF NWSSU-MAIN CAMPUS"** (Lot 4: **Supply & Delivery of FACET**) with PR No. 2021-11-482 and has accepted a Bid by the Supplier for the supply of those goods and services in the sum of **ONE MILLION SIX HUNDRED EIGHTY SEVEN THOUSAND EIGHT HUNDRED PESOS ONLY (₱1,687,800.00)** (hereinafter called "the Contract Price").

NOW THIS AGREEMENT WITNESSETH AS FOLLOWS:

1. In this Agreement words and expressions shall have the same meanings as are respectively assigned to them in the Conditions of Contract referred to.
2. The following documents as required by the 2016 revised Implementing Rules and Regulations of Republic Act No. 9184 shall be deemed to form and be read and construed as integral part of this Agreement, viz.:

- i. Philippine Bidding Documents (PBDs);
 - a. Schedule of Requirements:
Delivery Schedule: Forty five (45) calendar days;
 - b. Technical Specifications;
 - c. General and Special Conditions of Contract; and
 - d. Supplemental or Bid Bulletins, if any
- ii. Winning bidder's bid, including the Eligibility requirements, Technical and Financial Proposals, and all other documents or statements submitted;

Bid form, including all the documents/statements contained in the Bidder's bidding envelopes, as annexes, and all other documents submitted, including corrections to the bid, if any, resulting from the Procuring Entity's bid evaluation;
- iii. Performance Security;
- iv. Notice of Award of Contract; and the Bidder's conforme thereto; and
- v. Other contract documents that may be required by existing laws and/or the Procuring Entity concerned in the PBDs. Winning bidder agrees that additional contract documents or information prescribed by the GPPB that are subsequently required for submission after the contract execution, such as the Notice to Proceed and Warranty Security.

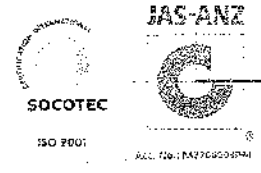
3. In consideration for the sum of ONE MILLION SIX HUNDRED EIGHTY SEVEN THOUSAND EIGHT HUNDRED PESOS ONLY (₱1,687,800.00) or such other sums as may be ascertained, **HEXATRONICS MARKETING** agrees to **Supply & Deliver of FACET with Installation and Training (Lot 4)** in accordance with his/her/its Bid.
4. The Northwest Samar State University agrees to pay the above-mentioned sum in accordance with the terms of the Bidding.

Hexatronics Marketing
 By:
CYNDEE B. CANLAS
 Owner/Proprietor

Northwest Samar State University
 By:
BENJAMIN L. PECAYO, Ed. D.
 University President



Republic of the Philippines
 Northwest Samar State University
 Rueda St., Calbayog City 6710
 Website: <http://www.nwssu.edu.ph>
 Email: main@nwssu.edu.ph
 Telefax: (055) 2093657



5. Suit/s arising from this Contract shall only be filed in the appropriate trial courts in the City of Calbayog, to the exclusion of all other courts.

IN WITNESS whereof the parties hereto have caused this Agreement to be executed in accordance with the laws of the Republic of the Philippines on the day and year first above written.


BENJAMIN L. PECAYO, Ed.D.
 University President


CYNDEE B. CANLAS
 Owner/Proprietor

for:

for:


Northwest Samar State University

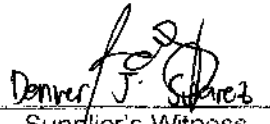
Hexatronics Marketing

WITNESS

Certified funds availability:


RAMIL S. CATAMORA, Ed.D.
 Vice President, Administrative Affairs


CORNELIO C. BAUTISTA JR., CPA
 Accountant III


Denver J. Suarez
 Supplier's Witness

ACKNOWLEDGEMENT

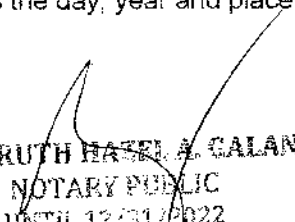
REPUBLIC OF THE PHILIPPINES
 (City of TARLAC CITY) S.S.

BEFORE ME, A Notary Public for and in the City and Province of TARLAC CITY this 31 DEC 2021, 2021 appeared BENJAMIN L. PECAYO, Ed.D. with Res. Cert. No. 09044172 Issued at/on Calbayog City/February 5, 2021 and CYNDEE B. CANLAS with License No. CI-14-014093 issued on Oct. 28, 2017 at TARLAC CITY and TIN 406444582000 known to me and to me known to be the same persons who executed the foregoing instrument and acknowledged to me that the same are their own free and voluntary deed.

The instrument refers to CONTRACT FOR UPGRADING OF THE TECHNOLOGY, ENGINEERING, TOURISM AND HOSPITALITY MANAGEMENT LABORATORIES OF NWSSU-MAIN CAMPUS (LOT 4) consisting of two (2) pages including this page where acknowledgement is written has been signed by the parties and their instrumental witnesses.

IN WITNESS WHEREOF, I have hereunto set my hands the day, year and place written above.

No. 226
 Page No. 46
 Book No. I
 Series of 2021


ATTY. RUTH HAZEL A. CALANG
 NOTARY PUBLIC
 UNTIL 12/31/2022
 Roll No. 74091 IEP Tarlac City
 PTR No. 6102981, 01/04/2021
 IEP No. 142915, 01/07/2021, Tarlac
 MCLE Exempt, Admitted to the Bar on 07/07/20