



PURCHASE ORDER

DELIVERY DUE DATE: 12 JUN 2024

Procurement Unit
Tel. No.: 045-606-8142 / 606-8157

Supplier : **HEXATRONICS MARKETING**
Address : Poneve Business Center, Lugay Ave., Mangga II, Brgy. Matatalaib, Tarlac City
Type of Business : Merchandising
TIN No. : 406-444-582-00000 VAT Reg.
Tel. No. : 0917-404-3647 / 0917-849-2763 / 0919-006-0151 / (045) 958-5294

PR No.: 2023-01-001
PO No.: 2024-018
Date: 01/5/2024
Mode of Procurement: Public Bidding

Gentlemen:

Please furnish this office the following articles subject to the terms and conditions contained herein:

Place of Delivery: **TARLAC STATE UNIVERSITY** Delivery Term: 120 calendar days
Date of Delivery: _____ Payment Term: N/30

Item No.	Unit	Description	Quantity	Unit Cost	Total Cost
1	set	Lot No. 2 - Three-Station Modular Production System and Robotics System, comprising of the following (Offer:Festo) : Distributing/Conveyor Station 1.1. Fiber-optic cable (diffuse sensor), with the following features: Signal processing (measuring principle) - Red light Coverage range max. - 120 mm Mounting thread - M6 Coating of housing - Nickel-plated Degree of protection - IP65 Switch triggering - Reflex Function on actuation - Polymer fiber optic cable 1.2. Fiber-optic device (diffuse sensor), with the following features: Signal processing (measuring principle) - Red light Function on actuation - Sender and Switch triggering - Reflex/Interrupt receiver Output potential - PNP Coverage range max. - 120 mm Thread for connector - M 8x1 Number of pins, plug connection - 4 Operating status display - Yellow LED Short-circuit strength - Pulsed Type of mounting - Hole Material of housing - PBT-reinforced Voltage type - DC Nominal operating voltage - 24 V Minimum operating voltage - 10 Maximum operating voltage - 30 Maximum idle current - 25 mA Maximum switching frequency - 1000 Hz Degree of protection - IP65 1.3. Fiber-optic cable (light barrier), with the following features: Signal processing (measuring principle) - Red	1	1,800,000.00	1,800,000.00

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Very truly yours,

DR. GRACE M. ROSETE
Vice President for Administration

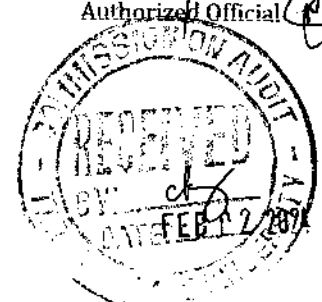
Authorized Official

Conformed: *PA* 2/1/24
Philip Warren I. Amio

HEXATRONICS MARKETING

(Signature over printed name & date)

Bank Account Name: _____
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Bank Name: _____
Bank Address: _____



Funds Available:

JASPER A. YAUDER, CPA
Budget Officer

ALOBS No. :
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		1.3. Fiber optic cable (light barrier), with the following features: Signal processing (measuring principle) - Red light Switch triggering - Interrupt Function on actuation Polymer fiber optic cable Coverage range max. - 400 mm Mounting thread - M4 Degree of protection - IP65 1.4. Fiber-optic device (light barrier), with the following features: Signal processing (measuring principle) - Red light Switch triggering - Reflex/Interrupt Output potential - PNP Coverage range max. - 120 mm Thread for connector - M 8x1 Number of pins, plug connection - 4 Operating status display - Yellow LED Voltage type - DC Nominal operating voltage -24 V Minimum operating voltage - 10 V Maximum operating voltage - 30 V Maximum idle current - 25 Ma Maximum switching frequency - 1000 Hz Degree of protection - IP65 1.5. D.C. Rotary Solenoid, with the following features: Angle of rotation - 950 Operating mode - S3 40% Torque - 2.00 Nem Rated power - 16.2 W Mass inertia - 0.314 x 10 ⁻⁶ (kgm ²)ft Time constant - 6.5 ms 1.6. DC Gear motor, with the following features: Nominal voltage 24 V Nominal current 1.5 A Nominal speed of drive shaft - 65 rpm Reduction stages - 1 1.7. DC motor controller, with the following features: Nominal voltage - 24 V ± 10% Maximum power consumption - 50 mA Continuous motor current - 4 A			

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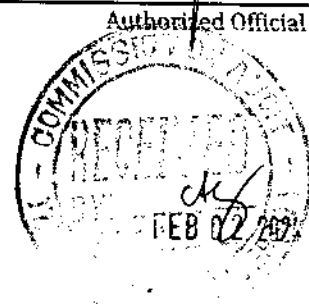
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DR. GRACE N. ROSETE
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		4 A Control inputs, logic 1-10.....24 V Control inputs, logic 0-0.....4 V Analog input - 0...10 V, 24 V tolerant Overvoltage protection - Yes CE marking per - Class B interference emission 1.8. Mini I/O terminal, with the following features: Operating voltage - 24 V DC Digital I/O, 4DI, 4DO - Maximum 24 V DC, maximum 2 A per output Analog I/O, 2AI, 1AO - 0...10V DC and + 10V DC Electrical connection - D-Sub HD 15-pin (3-row) Spring clip: 0.14...0.5 mm2 Indicators Status LEDs: Blue (power supply), Green (input signal), Orange (output signal) 2. Stack Magazine Module, with the following components: 2.1. Proximity sensor, with the following features: Design For T-slot Measuring principle - Reed magnetic Switch output - with contact, bipolar Maximum switching frequency - 800 Hz Maximum output current - 500 mA Electrical connection - Cable 3-core Connector exit direction - axial Cable length - 2.5 m Mounting type - Clamped in T-slot Insertable into slot lengthwise Operating status display - Yellow LED Protection class - IP65 IP67 Ambient temperature with flexible cable--5 oC to 60°C Tightening torque 0.2 N-m 2.2. Fiber-optic cable (light barrier), with the following features: Signal processing (measuring principle) - Red light Switch triggering - Interrupt Function on actuation Polymer fiber optic cable Coverage range max. 400 mm			

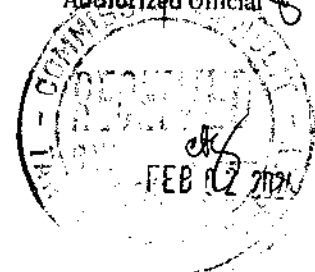
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		<p>Mounting thread - M4 Degree of protection - IP65</p> <p>2.3. Fiber-optic device (light barrier), with the following features: Signal processing (measuring principle) - Red light Switch triggering - Reflex/Interrupt Output potential - PNP Coverage range max. 120 mm Thread for connector - M 8x1 Number of pins, plug connection - 4 Operating status display - Yellow LED Voltage type - DC Nominal operating voltage - 24 V Minimum operating voltage - 10 V Maximum operating voltage - 30 V Maximum idle current - 25 Ma Maximum switching frequency - 1000 Hz Degree of protection - IP65</p> <p>2.4. Standard cylinder, with the following features: Stroke 100 mm Piston diameter - 8 mm Piston rod thread - M4 Cushioning - P: Flexible cushioning rings/plates at both ends Assembly position -Any Piston-rod end - Male thread Design structure - Piston, Piston rod, Cylinder barrel Variants - Single- ended piston rod Working pressure - 1.5 bar to 10 bar Mode of operation - double-acting Corrosion resistance classification CRC-2-Moderate corrosion stress Impact energy in end positions - 0.03 J Theoretical force at 6 bar, return stroke - 22.6 N Moving mass with 0 mm</p>			

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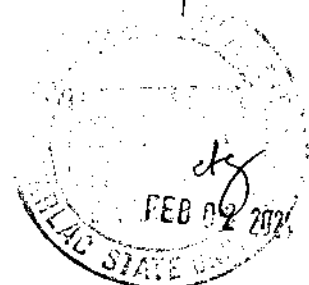
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		stroke - 30.2 N Mounting type - with accessories Pneumatic connection - M5 2.5. Mini-I/O-Terminal, with the following features: Operating voltage - 24 V DC Digital inputs/outputs, 4DI/4DO - Maximum 24 V DC, maximum 2 A per output, maximum 4 A total Analogue inputs/outputs, 2AI/1AO- 0... 10 V DC and ±10 V DC respectively Electrical connection - D-Sub HD 15-pin (3-row), Spring clip: 0.14... 0.5 mm Indicators - Status LEDs: Blue (power supply), Green (input signal), Orange (output signal) Operating voltage - 24 V DC Digital inputs/outputs, 4DI/4DO - Maximum 24 V DC, maximum 2 A per output, maximum 4 A total Analogue inputs/outputs, 2AI/1AO- 0... 10 V DC and ±10 V DC respectively Electrical connection - D-Sub HD 15-pin (3-row), Spring clip: 0.14 0.5 mm 2.6. One-way flow control valve, with the following features: Valve function - One-way flow control function for exhaust air Pneumatic connection, port 1 - QS-4 Pneumatic connection, port 2 - M5 Adjusting element - Slotted head screw Mounting type - Threaded Standard nominal flow rate in flow control direction - 40 l/min Working pressure 0.2 to 10 bar 3. Sorting Gate/Separator Module, with the following components: 3.1. D.C. Rotary Solenoid,			

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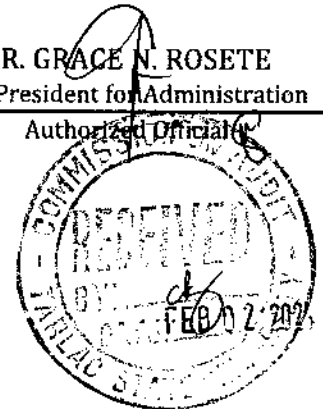
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		<p>with the following features: Rated Power-16.2 W Angle of rotation - 95° Operating mode - S3 40% Torque - 2.00 N-cm Mass inertia-0.314 x 10⁻⁶ (kgm²) ft Time constant - 6.5 ms</p> <p>4. Interface, with the following features: Type-C interface Operating voltage - 24 V DC Digital inputs/outputs 8D1/8D0 Maximum 24 V DC, maximum 2 A per output, maximum 4 A total Analogue inputs/outputs 4A1/2AO- 0 to 10 V DC or ± 10 V DC Electrical connection-2 x 15-pin D-Sub HD (3 rows), 1 x 24 pin IEEE 488 socket (SysLink), 1 x 15-pin D-Sub (2 rows) Indicators - Status LEDs: blue (power supply), green (input signals), orange (output signals)</p> <p>5. Computer Cable, with the following features: Type-D-Sub HD connecting cable, crossed Number of wires - 16 Cross section -0.25 mm² Plug type - D-Sub HD 15-pin (3 rows) Socket type- D-Sub HD-15-pin (3 rows) Power rating - Maximum 2 A per wire</p> <p>6. Supply Regulator Valve, with the following features: Type - diaphragm valve with filter Assembly position - Vertical +5° Standard nominal flow rate 110 l/min Upstream pressure - 100 to 1000 kPa Operating pressure - 50 to 700 kPa Connection type- Coupling plug for coupling socket G1/8</p>			

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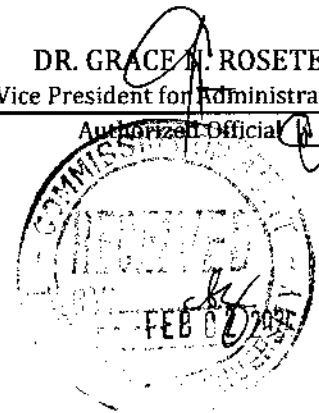
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		7. Control Panel/Console, with the following features: Function Control console for Syslink Membrane keyboard: Start pushbutton with LED, stop pushbutton, Reset push button, with LED, 2 flexibly assignable control lamps, 4 mm safety sockets with LED status display for I/O connection, Syslink and Sub-D sockets for connection to PLC on the rear panel 8. Programmable Logic Controller (PLC) Main memory - Main memory, Memory card included Interface-2-port switch, Ethernet, 10 ns bit performance Inputs/outputs - 32 digital inputs (24 V DC), 32 digital inputs (24 V DC/0.5A), 8 analog inputs, 8 U/I/RTD/TC, 16-bit resolution, 4 analog outputs, 4x U/t, 16-bit resolution Mounting system - Size (W x H): 305 mm x 300 mm, powder-coated, sheet-steel With integrated power supply unit, 110/230 V AC/24 V DC/4 A With 19" module simulation plate with 2 SysLink plug With connector for MPS and control panel With 8 digital inputs and 8 digital outputs and 1 Sub-D 15 Pin plug connection with 4 analog inputs and 2 analog outputs, emergency stop jumper to connect a safety circuit for			

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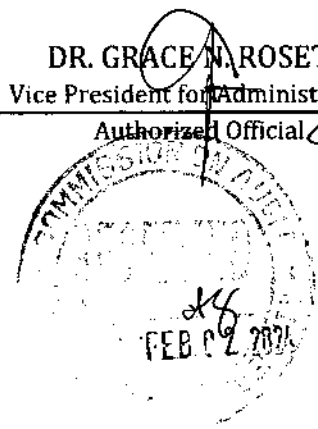
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2	set	disconnecting 8 digital outputs. 9. PLC Software, with the following programming languages: Statement list (STL) Function diagram (FUN) Ladder diagram (LDR) Structured Text Function Sequence Diagram 10. Trolley, with the following features: Height (including rolls unit top edge of trolley) - 750 mm Width - 350 mm Length - 700 mm Material: Aluminum 11. Accessories, Profile plate Height adjustment A4 mounting frame 12. A4 mounting profile Assembly board Handling Station 1. Pick and Place Module, with the following components: 1.1. Pneumatic Linear drive, with the following features: Mode of operation - Double acting Shape - piston Round Sensing type - Magnetic Type of cushioning Internal cushioning ring (Protection against torsion - Guide non-adjustable) Driver principle - Positive-locking (slot) Guide principle - Plain-bearing guide Piston, nominal size - 12 mm X-stroke - X Minimum stroke for X-stroke - 10 mm Maximum stroke for X-stroke - 600 mm Minimum operating pressure - 2.5 bar Maximum operating pressure - 8 bar Minimum	1	2,950,000.00	2,950,000.00

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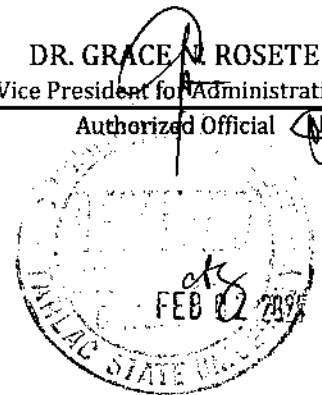
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		ambient temperature - -10 °C Maximum ambient temperature - 60 °C Air connection type - Female thread Connector thread page 1 - M 5 Air connection type connecting thread - Female thread Connector thread page 2 - M 5 Effective force (approximate) at 6 bar - 68 N Air consumption at 6 bar/10 mm - 0.00791 l.2. Parallel gripper, with the following features: Mode of operation - Double acting Gripper function - Parallel No. of gripper jaws - 2 Drive - 2 cylinders parallel Type of mounting direct - Thread: Hole Sensing type - Magnetic Piston, nominal size - 10 Operating pressure min. - 2 bar Operating pressure max. - 8 bar Minimum ambient temperature - 5 °C Maximum ambient temperature - 60 °C Air connection type - Female thread Connector thread - M 3 Material of barrel/housing - Kneaded aluminum alloy Material of gripper fingers - Stainless high-alloy steel Material of cover- PA CT criterion - Free of copper and teflon Product weight - 0.068 kg Nominal gripping force, closing - 40 N Nominal gripping force, opening- 47 N Nominal time, opening - 22 ms Nominal time, closing - 31 ms Air consumption at 6 bar per stroke - 0.00251 Medium - Dried air, lubricated or			

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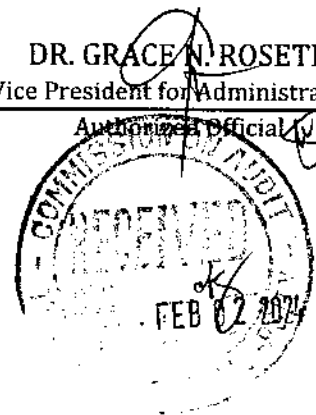
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Item No.	Unit	Description	Quantity	Unit Cost	Total Cost
		or unlubricated Interchangeability - 0.2 mm Repetition accuracy - 0.04 mm 1.3. Flat Cylinder, with the following features: Mode of operation - Double acting Shape piston - Oval Shape of piston rod - Round Sensing type - Magnetic Type of cushioning - Internal cushioning ring (non-adjustable) Protection against torsion - Piston shape Piston, nominal size - 18 mm Stroke - 80 mm Piston rod diameter - 8 mm End of piston rod - Female thread KK Piston rod thread - M 4 Operating pressure min. - 1 bar Operating pressure max. - 10 bar Minimum ambient temperature - -20 °C Maximum ambient temperature 80 °C Bearing cap connection type - Female thread EE Connecting thread for bearing cap - M 5 Material of cap - Wrought aluminum alloy Material of seals - FPM, TPE-U(PU) Material of piston rod - Stainless high-alloy steel Material of barrel/housing - Wrought aluminum alloy Total weight at 0 mm stroke - 0.107 kg Additional weight per 10 mm stroke - 0.013 kg Weight of moving load at 0 mm stroke - 0.107 kg Additional weight per 10 mm stroke - 0.013 kg Weight of moving load at 0 mm stroke - 0.024 kg Weight of moving load per 10 mm stroke 0,004 kg - 0.024 kg Air connection type cover cap - Female thread EE Connecting thread for end cap -			

Warranty shall be for a period minimum of Three (3) months for expendable supplies, or a minimum period of one (1) Year for non-expendable supplies. In case of failure to make 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

Very truly yours,

DR. GRACE N. ROSETE
Vice President for Administration
Authorized Official

Conforme:

Philip Warone I. Amio 2/1/24

HEXATRONICS MARKETING

(Signature over printed name & date)

Bank Account Name: _____

Bank Account Number: _____

Bank Name: _____

Bank Address: _____

Funds Available:

JASPER A. YAUDER, CPA
Budget Officer

ALOBS No. :
Amount :



PURCHASE ORDER

DELIVERY DUE DATE: 12 JUN 2024

Procurement Unit
Tel. No.: 045-606-8142 / 606-8157

Supplier: **HEXATRONICS MARKETING**
Address: Poneve Business Center, Lugay Ave., Mangga II, Brgy. Matatalaib, Tarlac City
Type of Business: Merchandising
TIN No.: 406-444-582-00000 VAT Reg.
Tel. No.: 0917-404-3647 / 0917-849-2763 / 0919-006-0151 / (045) 958-5294

PR No.: 2023-01-001
PO No.: 2024-018
Date: 01/5/2024
Mode of Procurement: Public Bidding

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Date of Delivery:
Delivery Term: 120 calendar days
Payment Term: N/30

Item No.	Unit	Description	Quantity	Unit Cost	Total Cost
		<p>M 5 Effective force (approximate) at 6 bar, adv. - 153 N Effect. force (approximate) at 6 bar, return 1-23 N Maximum Torque - 0.2 Nm Air consumpt.at 6 bar per advance - 0.0178</p> <p>11.4. Valve Kit, CPV, with the following features: Function - Piloted non-return valve Type of mounting Hole Nominal size non return 4 mm Air connection type 1 Sub-base Air connection type 2 Female thread Operating pressure min. - 2.5 bar Operating pressure max. - 10 bar Minimum ambient temperature - -10 °C Maximum ambient temperature - 60 °C Minimum medium temperature - 10 °C Maximum medium temperature - 60° Material of housing - Die-cast zinc Material of seals - NBR-Elastomer Standard nominal flow rate 1->2(S) max. - 160 l/min Standard nominal flow rate 2->1 max. - 220 l/min Switch-on time - 20 ms Switch-off time - 30 ms Medium - Compressed air, filtered</p> <p>1.5. One way flow control valve, with the following features: Function - One-way flow control Function air supply/exhaust air - Exhaust air Function restrictor - Adjustable Actuating component - Screw Type of mounting - Screw-in Nominal size flow control-1.4 mm Nominal size non-return - 1.4 mm C32:C4C32:C47</p>			

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DR. GRACE N. ROSETE
Vice President for Administration

Authorized Official

Conforme:

Philip Warren L. Arma 2/1/24

Philip Warren L. Arma

HEXATRONICS MARKETING

(Signature over printed name & date)

Bank Account Name:

Bank Account Number:

Bank Name:

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Funds Available:

Jasper A. Yauder
JASPER A. YAUDER, CPA
Budget Officer

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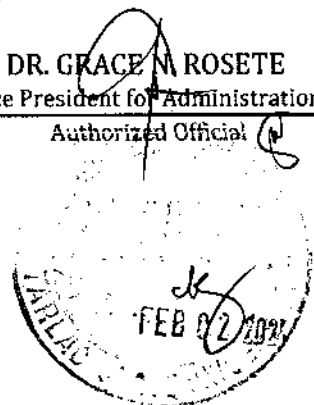
Place of Delivery: **TARLAC STATE UNIVERSITY** Delivery Term: 120 calendar days
Date of Delivery: _____ Payment Term: N/30

Item No.	Unit	Description	Quantity	Unit Cost	Total Cost
		<p>Air connection type 1 Male thread Air connection type 2 Push-in Thread for port 1 - M5 Nominal size of tubing connection - 24 Operating pressure min. - 0.2 bar Operating pressure max. - 10 bar Minimum ambient temperature - -10 °C Maximum ambient temperature - 60 °C Minimum medium temperature --10 °C Maximum medium temperature - 60 °C Material of housing - Die-cast zinc Material of seals - NBR-Elastomer Material of screw-in stud-brass Product weight - 0.009 kg Standard nom. flow rate 1->2(S) max. - 40 l/min Standard nom. flow rate 1->2(S) min - 0 l/min Standard nominal flow rate 2->1 max. - 50 l/min Standard nominal flow rate 2->1 min 0 0 l/min Medium - Compressed air, filtered 40 µm (may be lubricated)</p> <p>1.6. Valve Kit, CPV, with the following features: Signal processing (measuring principle) - red light Switch triggering - Reflex Function on actuation - Polymer fiber optic cable Coverage range max. 120 mm Minimum ambient temperature - -40 °C Maximum ambient temperature - 70 °C Mounting thread - M 6 Material of housing - brass Product weight - 0.02 kg Coating of housing - Nickel-plated Degree of protection - IP65</p> <p>1.7. Station link receiver, through beam sensor, with the following features: Signal processing (measuring principle) - Infrared Switch triggering - Function on actuation - Receiver Output potential (el. Output) - PNP Maximum coverage range - 6000 mm</p>			

Warranty shall be for a period minimum of Three (3) months for expendable supplies, or a minimum period of one (1) Year for non-expendable supplies. In case of failure to make 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

Very truly yours,

DR. GRACE M. ROSETE
Vice President for Administration
Authorized Official



Conforme: *[Signature]* 2/1/24
[Signature] Wenceslao I. Amis

HEXATRONICS MARKETING
(Signature over printed name & date)

Bank Account Name: _____
Bank Account Number: _____
Bank Name: _____
Bank Address: _____

Funds Available:
[Signature]
JASPER A. YAUDER, CPA
Budget Officer

ALOBS No. :
Amount :



PURCHASE ORDER

DELIVERY DUE DATE: 12 JUN 2024

Procurement Unit
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PR No.: 2023-01-001
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Date: 01/5/2024
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Date of Delivery:
Delivery Term: 120 calendar days
Payment Term: N/30

Item No.	Unit	Description	Quantity	Unit Cost	Total Cost
		Minimum ambient temperature --5 °C Maximum ambient temperature - 55 °C Air connection type elec. - Plug Thread for connector M8x1 Number of pins, plug connection - 3 Operating status display - Yellow LED Short-circuit strength - Pulsed Protection against incorrect polarity - integrated Voltage type - DC Nominal operating voltage 24 V Minimum operating voltage 10 V Maximum operating voltage-30 V Maximum idle current - 25 Ma Maximum switching frequency 1000 Hz Degree of protection - IP65 1.8. Station link transmitter, through beam sensor, with the following features: Signal processing - Infrared Switch triggering - Interrupt Function on actuation sender Coverage range maximum - 6000 mm Minimum ambient temperature -5 °C Maximum ambient temperature - 55°C Air connection type elec. - Plug Thread for connector - M8 x 1 Number of pins, plug connection - 3 Operating status display - Yellow LED Short-circuit strength - Pulsed Protection against incorrect polarity -integrated Voltage Type - DC Nominal operating voltage - 24 V Minimum operating voltage - 10 V Maximum operating voltage - 30 V Maximum idle current - 25 mA Maximum switching frequency - 1000 Hz Degree of protection - IP65 1.9. Fiber Optic device,			

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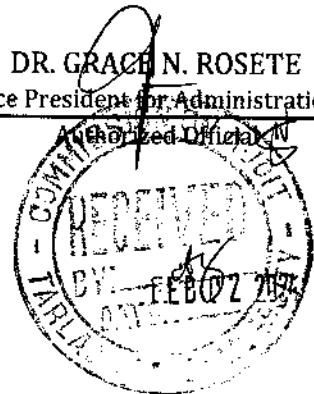
Very truly yours,

DR. GRACE N. ROSETE
Vice President for Administration

Conforme: *PXA 2/1/24*
Philip Warren I. Amos

HEXATRONICS MARKETING
(Signature over printed name & date)

Bank Account Name: _____
Bank Account Number: _____
Bank Name: _____
Bank Address: _____



Funds Available:
JASPER A. YAUDER, CPA
Budget Officer

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PURCHASE ORDER

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Date of Delivery:
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Payment Term: N/30

Item No.	Unit	Description	Quantity	Unit Cost	Total Cost
		<p>Optoelectronic sensor, with the following features Signal processing (measuring principle) - red light Switch triggering - Reflex/Interrupt Function on actuation - sender and receiver Output potential (el. output) - PNP Maximum coverage range - 120 mm Minimum ambient temperature -5 °C Maximum ambient temperature - 55 °C Air connection type elec. - Plug Thread for connector - M8 x 1 Number of pins, plug connection - 4 Operating status display - Yellow LED Short-circuit strength - Pulsed Protection against incorrect polarity - built-in Type of mounting - Hole Material of housing - PBT-reinforced Product weight - 0.018 kg Voltage Type - DC Nominal operating voltage - 24 V Minimum operating voltage - 10 V Maximum operating voltage - 30 V Maximum idle current - 25 mA Maximum switching frequency - 1000 Hz Degree of protection - IP65</p> <p>1.10. Solenoid Valve CPV 3/2 way, with the following features: Switching function - 3/2-way valve, normally open or normally closed Switching function short code - 2-Mar Direction of flow reversible - No Operating principle - Slide Shape of function component - Piston With exhaust flow control - No Type of regulation - Indirect Control type - Monostable Type of reset - Air External auxiliary pilot air - Yes Grid dimension - 10 mm</p>			

Warranty shall be for a period minimum of Three (3) months for expendable supplies, or a minimum period of one (1) Year for non-expendable supplies. In case of failure to make 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

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DR. GRACE N. ROSETE
Vice President for Administration

Authorized Official

Conforme: *[Signature]* 2/1/24
Philip Warner I. Arnes

HEXATRONICS MARKETING

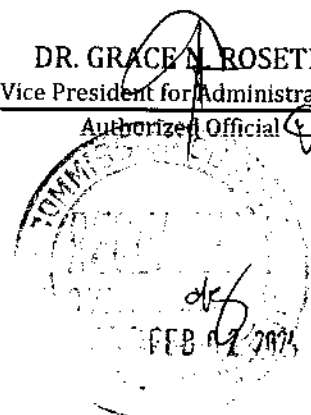
(Signature over printed name & date)

Bank Account Name: _____

Bank Account Number: _____

Bank Name: _____

Bank Address: _____



Funds Available:

[Signature]
JASPER A. YAUDER, CPA
Budget Officer

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PURCHASE ORDER

Procurement Unit
Tel. No.: 045-606-8142/ 606-8157

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Date of Delivery: _____ Payment Term: N/30

Item No.	Unit	Description	Quantity	Unit Cost	Total Cost
		Type of mounting - Screw Number of multiple configurations - 2 Type of multiple configuration - Battery Installation position - Any Nominal size - 4 mm Minimum operating pressure - -0.9 bar Maximum operating pressure - 10 spring External auxiliary pilot air - Yes Grid dimension - 10 mm Type of mounting - Screw Number of multiple configurations - 2 Type of multiple configuration - Battery Installation position - Any Nominal size - 4 mm Minimum operating pressure - -0.9 bar Maximum operating pressure - 10 bar Minimum ambient temperature - -5 °C Maximum ambient temperature - 50 °C Minimum medium temperature - -5 °C Maximum medium temperature - 50 °C Minimum pilot pressure - 3 bar Type of connection, air supply - Manifold module Air connection type power port - Female thread Air connection type power port - Female thread Type of connection, exhaust - Manifold module Air connection type auxiliary pilot air supply - Manifold module Air connection type auxiliary pilot air exhaust - Manifold module Type pilot control air - Supply and exhaust: External pilot air and air spring, ducted pilot exhaust Actuation/reset - Single solenoid, air spring return 1.11. Solenoid Valve CPV 5/2 way, with the following features: Switching function - 5/2 way valve Switching function short code - 5 working ports, 2 switching position Direction of flow reversible -			

Warranty shall be for a period minimum of Three (3) months for expendable supplies, or a minimum period of one (1) Year for non-expendable supplies. In case of failure to make 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

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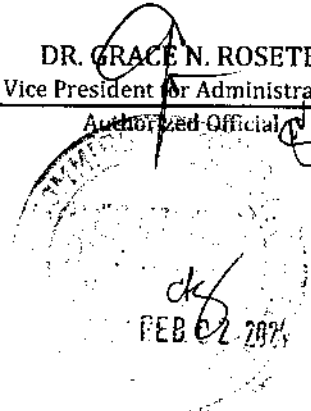
DR. GRACE N. ROSETE
Vice President for Administration

Authorized Official

Conforme: Philp Waranca 2/1/24

HEXATRONICS MARKETING
(Signature over printed name & date)

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Bank Account Number: _____
Bank Name: _____
Bank Address: _____



Funds Available: _____
JASPER A. YAUDER, CPA
Budget Officer

ALOBS No.: _____
Amount: _____



PURCHASE ORDER

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Tel. No.: 045-606-8142 / 606-8157

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Type of Business : Merchandising
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PR No.: 2023-01-001
PO No.: 2024-018
Date: 01/5/2024
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Date of Delivery:
Delivery Term: 120 calendar days
Payment Term: N/30

Item No.	Unit	Description	Quantity	Unit Cost	Total Cost
		No Operating principle - Slide Shape of function component - Piston With exhaust flow control - No Type of regulation - Indirect Control type - Monostable Type of reset - Air spring External auxiliary pilot air - Yes Grid dimension - 10 mm Number of multiple configurations - 2 Type of multiple configuration - Battery Installation position - Any Nominal size - 4 mm Minimum operating pressure - -0.9 bar Maximum operating pressure - 10 bar Minimum ambient temperature -5 °C Maximum ambient temperature - 50 °C Minimum medium temperature --5 °C Maximum medium temperature -50 °C Minimum pilot pressure - 3 bar Type of connection, air supply - Manifold module Air connection type power port - Female thread Air connection type power port - Female thread Type of connection, exhaust - Manifold module Air connection type auxiliary pilot air supply - Manifold module Type pilot control air Supply and exhaust - External pilot air and air spring, ducted pilot exhaust Actuation/reset - Single solenoid, air spring return 1.12. Socket connector cable for sensor and switches (4GD and 3GD), with the following features: Minimum ambient temperature standard - -40 °C Maximum ambient temperature standard - 70 °C Correlation ambient temperature /hours - Fixed cable installation Minimum ambient temperature screwed-in - -5 °C Maximum ambient temperature limited - 70 °C Ambient			

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Vice President for Administration
Authorized Official

Conforme: *[Signature]* 2/1/24
Philip Warona 1-Xmo
HEXATRONICS MARKETING
(Signature over printed name & date)



Bank Account Name: _____
Bank Account Number: _____
Bank Name: _____
Bank Address: _____

Funds Available:
[Signature]
JASPER A. YAUDER, CPA
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PURCHASE ORDER

Procurement Unit
Tel. No.: 045-606-8142/ 606-8157

DELIVERY DUE DATE: 11 2 JUN 2024

Supplier: **HEXATRONICS MARKETING**
Address: Poneve Business Center, Lugay Ave., Mangga II, Brgy. Matatalaib, Tarlac City
Type of Business: Merchandising
TIN No.: 406-444-592-00000 VAT Reg.
Tel. No.: 0917-404-3647 / 0917-849-2763 / 0919-006-0151 / (045) 958-5294

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Item No.	Unit	Description	Quantity	Unit Cost	Total Cost
		temperature clas screwed in - Flexible cable installation Air connection type elec. - Cable/socket Number of cores - 3 Core cross section - 0.25 mm ² Length of cable - 2500 mm Diameter of connecting cable - 4.5 mm Material, cable sheath - TPE- U(PU) Degree of protection - IP67 1.13. Relays, with the following features: Relays per module - 1 Relay mount - Soldered Mount - can be snapped onto 35-mm DIN rail (EN 50 022) and 32-mm G- rail (EN 50 035 Temperature range - -25 °C to 60 °C Rated isolation voltage input/output - 2500 V eff Dimensions (W x H x D - 22.5 mm x 67 mm x 60 mm Housing material - Noryl 1.14. Shock Absorber, with the following features: Function - shock absorber Cushioning - self-adjustable Type of mounting - Thread + lock nut Mounting thread - M 8 x 1 Piston, nominal size - 5 mm Stroke - 5 mm Cushioning work per stroke - 1 J Cushioning work per hour - 8000 Impact speed max. - 2 m/s Maximum impact force - 200 N Minimum reset force, advanced position - 0.7 N Minimum inward thrust rear end position - 5.5 N Maximum residual energy - 0.01 J Piston rod diameter - 2.5 mm Minimum ambient temperature - -10 °C Maximum ambient temperature - 80 °C Reset time, short term - 0.2 s Permissible tightening torque - 2 Nm Material of seals NBR, TPE-U(PU) Material of piston rod - High-alloy steel Material of barrel/housing -			

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Conforme:

Philip Warren A. Amos 2/1/24

HEXATRONICS MARKETING

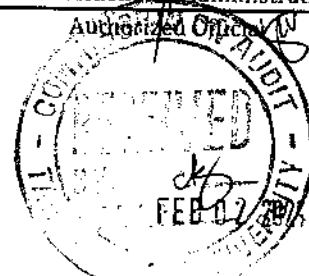
(Signature over printed name & date)

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Funds Available:

Jasper A. Yauder
JASPER A. YAUDER, CPA
Budget Officer

ALOBs No. :
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PURCHASE ORDER

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Item No.	Unit	Description	Quantity	Unit Cost	Total Cost
		Steel: Brass CT criterion - Free of copper and teflon Product weight - 0.009 kg 1.15. Push-in/thread L-fittings, with the following features: Nominal size connector - 2.4 mm Nominal size of tubing connection - 4 Mounting/connection thread - M 5 Minimum operating pressure - -0.95 bar Maximum operating pressure 1 Minimum ambient temperature - 0 °C Maximum ambient temperature - 60 °C Minimum medium temperature - 0°C Maximum medium temperature - 60 °C Material of housing - PBT-reinforced Product weight 0.003 kg Medium - Compressed air, filtered 1.16. Start-up valve filter control valve, with the following features: Medium - Compressed air Design - Sintered filter with water separator, diaphragm control valve Assembly position - Vertical ±5° Standard nominal flow rate - 750 l/mir Maximum upstream pressure - 1600 kPa Maximum operating pressure 1200 kPa Connection - Coupling plug force coupling socket, QS-plug fitting for plastic tubing PUN 6 x 1 1.17. Proximity sensor, with reed contact and light emitting diode, without mounting kit, with the following features: Signal processing/type of contact-reed contact Function on actuation- N/O contact Switching accuracy			

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Vice President for Administration
Authorized Official

Conforme: *[Signature]* 2/1/24
[Signature] Wenceslao A. Arnis
HEXATRONICS MARKETING
(Signature over printed name & date)



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		(+/-) - 0.1 mm Minimum ambient temperature standard - -20 °C Maximum ambient temperature standard - 70 °C Correlation ambient temperature /hours - Fixed cable installation Maximum ambient temperature screwed-in--5 °C Ambient temperature class, screwed in - Flexible cable installation Air connection type elec. - Cable with plug Number of cores - 3 Core cross section - 0.14 mm ² Length of cable - 300 mm Number of pins, plug connection - 3 Operating status display - Yellow LED Type of mounting slot Material of housing - PET-reinforced Material, cable sheath - PVC- polymer CT criterion - Free of copper and teflon Product weight - 0.01 kg Voltage type - AC/DC Nominal operating voltage - 24 V DC Minimum operating voltage - 12 V DC Maximum operating voltage - 30 V DC Nominal operating voltage - 24 V AC Minimum operating voltage 12 V AC Maximum operating voltage - 30 V AC Maximum contact rating (DC) - 10 W Maximum contact rating (AC) - 10 VA Maximum switching frequency - 500 Hz 1.18. I/O terminals, with the following features: Number of inputs with LED - 8 Number of outputs with LED - 8 Number of terminals 0 V - 22			

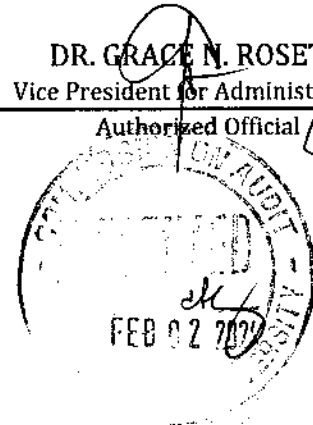
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 Vice President for Administration
 Authorized Official

Conforme: *[Signature]* 2/1/24
Philip Warren I. Amos
HEXATRONICS MARKETING
 (Signature over printed name & date)

Bank Account Name: _____
 Bank Account Number: _____
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 Bank Address: _____



Funds Available:
[Signature]
IASPER A. YAUDER, CPA
 Budget Officer

ALOBS No. :
 Amount :



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Procurement Unit
Tel. No.: 045-606-8142 / 606-8157

DELIVERY DUE DATE: 12 JUN 2024

Supplier: **HEXATRONICS MARKETING**
Address: Poneve Business Center, Lugay Ave., Mangga II, Brgy. Matatalaib, Tarlac City
Type of Business: Merchandising
TIN No.: 406-444-582-00000 VAT Reg.
Tel. No.: 0917-404-3647 / 0917-849-2763 / 0919-006-0151 / (045) 958-5294

PR No.: 2023-01-001
PO No.: 2024-018
Date: 01/5/2024
Mode of Procurement: Public Bidding

Gentlemen:

Please furnish this office the following articles subject to the terms and conditions contained herein:

Place of Delivery: **TARLAC STATE UNIVERSITY** Delivery Term: 120 calendar days
Date of Delivery: _____ Payment Term: N/30

Item No.	Unit	Description	Quantity	Unit Cost	Total Cost
		Number of terminals 24 V - 12 Connector - Amphenol Tuchel 24-pin, 57 GE series 1.19. Silencer, with the following features: Air connection type - Male thread Connector thread - M 5 Operating pressure min. - 0 bar Operating pressure max. - 10 bar Minimum ambient temperature - -10 °C Maximum ambient temperature 70 °C Sound pressure level - 70 dB(A) Standard nominal flow rate - 90 l/min Material of screw-in stud - brass 1.20. Slide module (with a retainer for mounting on a profile plate), with the following features: Application: - As end slide or segregating slide Length - 250 mm Standard height - 117 -200 mm (adjustable) 1.21. Plastic tubing, 4 mm, with the following features: Nominal size of tubing - 4 mm Internal diameter - 2.6 mm Outside diameter - 4 mm Minimum bending radius 17 mm Minimum operating pressure - -0.95 bar Maximum operating pressure at 20°C - 10 bar Maximum operating pressure at 30°C - 10 bar Maximum operating pressure at 40°C -9 bar Maximum operating pressure at 60°C - 7 bar Suitable for vacuum - Yes Minimum ambient temperature - -35°C Maximum ambient temperature - 60 °C Material of tubing - TPE-U(PU) Product weight per meter - 0.0089 kg/m Color - blue Length - 10 m 1.22. Plastic tubing, 6 mm, with the following features:Nominal size of tubing - 6 mm			

Warranty shall be for a period minimum of Three (3) months for expendable supplies, or a minimum period of one (1) Year for non-expendable supplies. In case of failure to make 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

Very truly yours,

DR. GRACE N. ROSETE
Vice President for Administration
Authorized Official

Conforme: *[Signature]* 2/1/24
[Signature] **Warrence I. Amoo**

HEXATRONICS MARKETING
(Signature over printed name & date)

Bank Account Name: _____
Bank Account Number: _____
Bank Name: _____
Bank Address: _____



Funds Available:
JASPER A. YAUDER, CPA
Budget Officer

ALOPS No. :
Amount :



PURCHASE ORDER

DELIVERY DUE DATE: 12 JUN 2024

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Item No.	Unit	Description	Quantity	Unit Cost	Total Cost
		Internal diameter 4 mm Outside diameter 6 mm Minimum bending - 26.5 mm Minimum operating pressure - -0.95 bar Maximum operating pressure at 20°C - 10 bar Maximum operating pressure at 30°C - 10 bar Maximum operating pressure at 40°C -9 bar Maximum operating pressure at 60°C -7 bar Minimum ambient temperature - 35 °C Maximum ambient temperature - 60 °C Material of tubing - TPE-U(PU) 2. Programmable Logic Controller (PLC), with the following features: Main memory - Main memory, Memory card included Interface - 2-port switch, Ethernet, 10 ns bit performance Inputs/outputs 32 digital inputs (24 V DC), 32 digital inputs (24 V DC/0.5A), 8 analog inputs, 8 U/I/RTD/TC, 16-bit resolution, 4 analog outputs, 4x U/t, 16-bit resolution Mounting system - Size (W x H): - 305 mm x 300 mm, powder-coated, sheet-steel With integrated power supply unit, 110/230 V AC/24 V DC/4 A With 19" module simulation plate with 2 SysLink plug With connector for MPS and control panel With 8 digital inputs and 8 digital outputs and 1 Sub-D 15 Pin plug connection with 4 analog inputs and 2 analog outputs, emergency stop jumper to connect a safety circuit for disconnecting 8 digital outputs.			

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 Vice President for Administration

Authorized Official

Conforme: *[Signature]* 2/1/24
Philip Warden I. Amie

HEXATRONICS MARKETING

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Procurement Unit
Tel. No.: 045-606-8142 / 606-8157

DELIVERY DUE DATE: 17 2 JUN 2024

Supplier : **HEXATRONICS MARKETING**
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Item No.	Unit	Description	Quantity	Unit Cost	Total Cost
3	set	3. PLC Software, with the following programming languages: Statement list (STL) Function diagram (FUN) Ladder diagram (LDR) Structured Text Function Sequence Diagram 4. Trolley, with the following features: Material - Aluminum Height (including castors, to bottom edge of profile plate) - 750 mm Width - 350 mm Depth - 700 mm 5. Profile plate, with the following features: Material - Aluminum Length x width - 350 x 700 mm Grid Dimension - 50 mm Processing Station 1. Clamping/ejecting module, with the following features: For mounting on a profile plate An electrical solenoid is used for the drive 2. Drilling module, with the following features: Nominal voltage - 24 V Nominal power output - 50 W Connection - 2-wire cable (min. 0.5 mm) Clamping range of drill chuck - 1 to 6 mm Service life - 200 hours Weight - 400 g Height - 360 mm Working stroke - 100 mm Nominal current DC motor- 0.3 A Nominal current - 0.31 A Rated	1	2,900,000.00	2,900,000.00

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DR. GRACE N. ROSETE
Vice President for Administration

Authorized Official

Conforme:

PKA 2/1/24
Philip Warral Amis

HEXATRONICS MARKETING

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Funds Available:

JASPER A. YAUDER, CPA
Budget Officer

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PURCHASE ORDER

DELIVERY DUE DATE: 12 JUN 2024

Procurement Unit
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Item No.	Unit	Description	Quantity	Unit Cost	Total Cost
		<p>output power -3.14 W Nominal rotational speed - 3000 rpm Efficiency of transmission - 0.72 Stages of gear box - 2 Reduction gear ratio i:1 - 20,25 Nominal torque - 80 N-cm Weight -160~g Electrical connection - Cable with cable-end sleeves</p> <p>4. Rotary indexing table module, with the following features: Number of workpiece positions 6 Table is driven by a DC geared motor with a series resistor. Diameter - 350 mm Height - 125 mm Nominal Voltage - 24 V Nominal rotational speed - 6 rpm (with series resistor 47) Nominal current -0.15 A (with series resistor 47) Nominal current - 0.5 A</p> <p>5. Socket connector cable for sensor and switches, with the following features: Minimum ambient temperature standard -40^oC Maximum ambient temperature standard - 70 ^oC Correlation ambient temperature/hours - Fixed cable installation Maximum ambient temperature, screwed- in--5^oC Maximum ambient temperature, limited - 70 ^oC Air connection type elec. - Cable/socket Number of cores-3 Core cross section - 0.25 mm² Length of cable - 2500 mm Diameter of connecting cable - 4.5 mm Material, cable sheath - TPE-U(PU) Degree of protection - IP67</p> <p>6. Relays, with the following features Relays per module -</p>			

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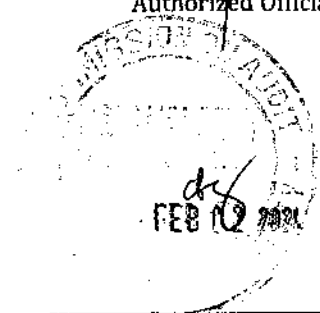
Conforme:

PHILIP WARMU
Philip Warmu 1 Anso

HEXATRONICS MARKETING

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JASPER A. YAUDER
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Item No.	Unit	Description	Quantity	Unit Cost	Total Cost
		1 Relay mount - Soldered Mount - can be snapped onto 35-mm DIN rail (EN 50 022) and 32- mm G-rail (EN 50 035) Temperature range -24°C to+60°C Rated isolation voltage input/output - 2500 V eff Dimensions (W\times H\times D) - 22.5 mm x 67 mm x 60 mm Housing material - Noryl CE Compliance - Yes 7. Sensor, inductive, with the following features: EU conformity (CE)-CE Note on EU conformity - Electromagnetic compatibility Signal processing/type of contract - Inductive Function on actuation - N/O contact Output potential (el. Output) - PNP Nominal switching distance (sn) - 2.5 mm Minimum actual switching distance (sr) - 2.5 mm Maximum actual witching distance (sr) - 2.75 mm Minimum effective switching distance (su) - 2.03 mm Maximum effective switching distance (su) - 3.03 mm Guaranteed switching distance (sa) - 2.03 mm Reproducibility - 0.125 mm Minimum ambient temperature standard - -25 °C Maximum ambient temperature standard - 85 °C Air connection type elec. - Plug hread for connector - M 8x1 Operating status display - Yellow LED Short-circuit strength -			

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Vice President for Administration

Authorized Official

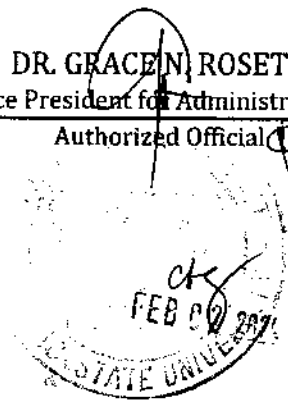
Conforme: *[Signature]* 2/1/24

Philo Wance I. Amis

HEXATRONICS MARKETING

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Item No.	Unit	Description	Quantity	Unit Cost	Total Cost
		Pulsed Protection against incorrect polarity - integrated Type of mounting - Thread + lock nut Type of installation - Not flush Mounting thread - M 8x1 Material of housing - Stainless high-alloy steel Material, cable sheath - TPE-U (PU) CT criterion - Free of copper and teflon Product weight - 0.02 kg Voltage type - DC Nominal operating voltage - 24 V Minimum operating voltage - 15 V Maximum operating voltage - 34 V 8. Sorting gate module, with the following features: Branch module, electrical For mounting on a profile plate An electrical solenoid is used for the drive 9. Station link Receiver, through beam sensor, with the following features: EU conformity (CE) - CE Note on EU conformity - Electromagnetic compatibility Signal processing (measuring principle) - Infrared Switch triggering - Interrupt Function on actuation - Receiver Output potential (el. Output) - PNP Coverage range - max. 6000 mm Minimum ambient temperature - -5 °C Maximum ambient temperature -55 °C Air connection type elec. - Plug Thread for connector - M8 x 1 Number of pins, plug connection - 3 Operating status display - Yellow LED Short-circuit strength - Pulsed Protection 10. Station link transmitter, through beam sensor, with the following features: EU conformity (CE) -			

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 Vice President for Administration

Authorized Official

Conforme:

[Handwritten Signature] 2/1/24
[Handwritten Name] Warone I. Amio

HEXATRONICS MARKETING

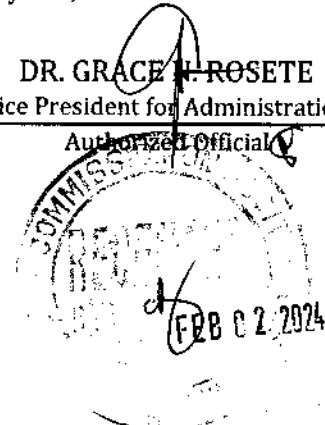
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		CE Note on EU conformity - Electromagnetic compatibility Signal processing (measuring principle) - Infrared Switch triggering - Interrupt Function on actuation - Sender Coverage range - max. 6000 mm Minimum ambient temperature - -5 °C Maximum ambient temperature - 55 °C Air connection type elec. - Plug Thread for connector - M 8x1 Number of pins, plug connection - 3 Operating status display - Yellow LED Short-circuit strength - Pulsed Protection against incorrect polarity - Integrated Voltage Type - DC Nominal operating voltage - 24 V Minimum operating voltage - 10 V Maximum Operating voltage - 30 V Maximum idle current - 25 mA Maximum switching frequency - 1000 Hz Degree of protection - IP65 11. Micro Switch, with the following features: EU conformity (CE) - CE Note on EU conformity - Low voltage For semi-rotary drives The switching point may only be exceeded by 0.5mm 12. Solenoid actuator (2 pcs), with the following features: Working stroke: 10 mm Voltage: 24V DC Output: 7 W 13. Capacitive Sensor, with the following features: Switching voltage-12-48 V DC Output function -			

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DR. GRACEN. ROSETE
Vice President for Administration

Authorized Official

Conforme:

Philip Warren I. Amico
2/1/24

HEXATRONICS MARKETING

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Funds Available:

Jasper A. Yauder
JASPER A. YAUDER, CPA
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120 calendar days

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		Normally open, positive switching (PNP) Nominal switching distance - 10mm Hysteresis-s20% Maximum output current - 200 mA Reproducible switching point at constant temperature - £0.01mm Maximum switching frequency - 25 Hz No-load current - 20 mA Permissible ambient operating temperature -10°C - +50°C Protection against polarity reversal - Integrated Short-circuit proof- Yes Protection class - IP65 Size - M18 Type of mounting - Non flush Emitted interference - Noise immunity tested to EN 500 82-1 Connection cable - 3 Pin 14. I/O terminals, with the following features: Number of inputs with - LED 8 Number of outputs with - LED 8A Number of terminals 0V - 22 Number of terminals 24V-12 Connector - Amphenol-Tuchel 24-pin, 57 GE series 15. Programmable Logic Controller (PLC), with the following features: Main memory - Main memory, Memory card included Interface-2-port switch, Ethernet, 10 ns bit performance Inputs/outputs - 32 digital inputs (24 V DC), 32 digital inputs (24 V DC/0.5A), 8 analog inputs, 8 U/I/RTD/TC, 16-bit resolution, 4 analog outputs, 4x U/t, 16-bit resolution			

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Conforme:

Philip Warren I. Arnes

HEXATRONICS MARKETING

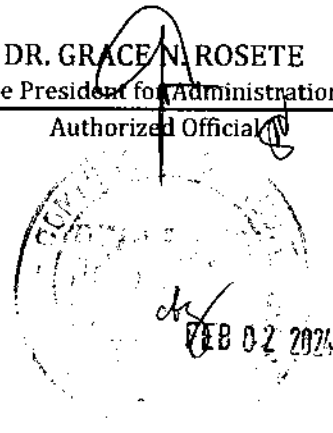
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Item No.	Unit	Description	Quantity	Unit Cost	Total Cost
		Mounting system - Size (W x H): - 305 mm x 300 mm, powder-coated, sheet-steel With integrated power supply unit, 110/230 V AC/24 V DC/4 A With 19" module simulation plate with 2 SysLink plug With connector for MPS and control panel With 8 digital inputs and 8 digital outputs and 1 Sub-D 15 Pin plug connection with 4 analog inputs and 2 analog outputs, emergency stop jumper to connect a safety circuit for disconnecting 8 digital outputs 16. PLC Software, with the following programming languages: Statement list (STL) Function diagram (FUN) Ladder diagram (LDR) Structured Text Function Sequence Diagram 17. Trolley, with the following features: Material Aluminum Height (including castors, to bottom edge of profile plate) - 750 mm Width - 350 mm Depth - 700 mm 18. Profile plate, with the following features: Material Aluminum Length x Width - 350 mm x 700 mm Grid Dimension: 50 mm System Requirements: Windows 7 (64-bit) Professional/Enterprise/Ultimate SP1 Windows 10 (64-bit) Professional/Enterprise 1703 System Recommendations: Core i5-6440EQ, 3, 4 GHz 16 GB RAM 1920 x 1080 Pixel SSD, at least 50 GB of free hard drive space hree-Station Modular Production System			

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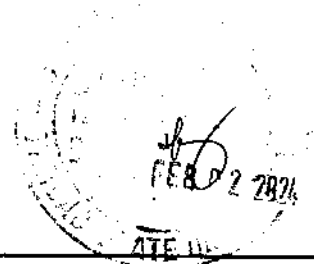
Philip Wannex I. Amua 2/1/24

Philip Wannex I. Amua

HEXATRONICS MARKETING

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Funds Available:

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JASPER A. YAUDER, CPA
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Item No.	Unit	Description	Quantity	Unit Cost	Total Cost
4	pc	<p>must be supplied with the following: Software and documentation supplied on DVD Floating license supplied on USB Stick</p> <p>Collaborative Robot</p> <p>Collaborative Robot, with the following features: Performance: Repeatability - ± 0.1mm / ±0.0039 in (4 mils) Ambient temperature range - 0-50° * Power consumption - Min 90 W, Typical 125 W, Max 250 W Collaboration operation - 15 advanced adjustable safety functions Specification: Payload-3 kg / 6.6 lbs. Reach - 500 mm / 19.7 in. Degrees of freedom - 6 rotating joints Programming - Polyscope graphical user interface on 12 inch Movement: Axis movement robot arm: Base Shoulder Elbow Wrist 1 Wrist 2 Wrist 3 Typical tool Working range: Maximum speed: ±180°/Sec. ±360° +360° ±360° ±360° ±180°/Sec. ±180°/Sec. ±180°/Sec. +180°/Sec. +360°/Sec. 1 m/Sec./39.4 in/Sec Infinite P Classification - IP 64 ISO Class Cleanroom - 5 Noise - 70dB(A) Robot Mounting - Any Digital in -</p>	1	2,300,000.00	2,300,000.00

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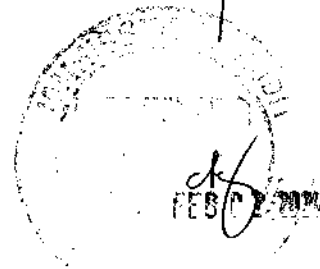
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Authorized Official

Conforme:

Philip Waring I. Armas
HEXATRONICS MARKETING
(Signature over printed name & date)

Bank Account Name: _____
Bank Account Number: _____
Bank Name: _____
Bank Address: _____



Funds Available:
Jasper A. Yauder
JASPER A. YAUDER, CPA
Budget Officer

ALOBS No. :
Amount :



PURCHASE ORDER

Procurement Unit
Tel. No.: 045-606-8142/ 606-8157

DELIVERY DUE DATE: 12 JUN 2024

Supplier : **HEXATRONICS MARKETING**
Address : Poneve Business Center, Lugay Ave., Mangga II, Brgy. Matatalaib, Tarlac City
Type of Business : Merchandising
TIN No. : 406-444-582-00000 VAT Reg.
Tel. No. : 0917-404-3647 / 0917-849-2763 / 0919-006-0151 / (045) 958-5294

PR No.: 2023-01-001
PO No.: 2024-018
Date: 01/5/2024
Mode of Procurement: Public Bidding

Gentlemen:

Please furnish this office the following articles subject to the terms and conditions contained herein:

Place of Delivery: **TARLAC STATE UNIVERSITY** Delivery Term: 120 calendar days
Date of Delivery: _____ Payment Term: N/30

Item No.	Unit	Description	Quantity	Unit Cost	Total Cost
		2 Digital out - 2 Analog in - 2 Analog out - 0 I/O power supply in tool: 12 V/24V 600 mA in tool Features: I/O ports: Physical: Footprint - Ø 128mm Materials: Aluminum, PP plastics Tool connector type - M8 Cable length robot arm - 6m / 236 in Weight with cable - 11kg / 24.3 lbs. Reduction gear ratio i: 1 - 20,25 Nominal torque - 80 Ncm Gripper Total Stroke: 0-110mm Gripping Force: 3-40NM (Adjustable) Working Temp: 0-60 Degrees Celsius IP Classification: IP54 Weight: 0.78kg <i>Warranty: One (1) year; with training</i> ***** <i>Purpose: Supply and Delivery of Advanced Manufacturing Equipment for IE and ECE of the College of Engineering and Technology, Lot No. 2 (APP 2023)</i>			<u>9,950,000.00</u>

(Total Amount in Words) Nine Million Nine Hundred Fifty Thousand Pesos Only

Warranty shall be for a period minimum of Three (3) months for expendable supplies, or a minimum period of one (1) Year for non-expendable supplies. In case of failure to make 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

Very truly yours,

DR. GRACE N. ROSETE
Vice President for Administration
Authorized Official

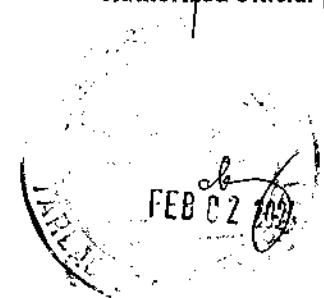
Conforme:

Philip Warden I. Amos
2/1/24

HEXATRONICS MARKETING

(Signature over printed name & date)

Bank Account Name: _____
Bank Account Number: _____
Bank Name: _____
Bank Address: _____



Funds Available:

JASPER A. YAUDER, CPA
Budget Officer

ALOBS No. :
Amount :