



BATAAN PENINSULA STATE UNIVERSITY

City of Balanga 2100 Bataan
PHILIPPINES

PURCHASE ORDER

| | | | | | |
|-----------|------------------------------------------------------------------------------|----------------------|-----------------------------------------------------------------------------------------|-----------------------|----------------------|
| Supplier: | ASPEN MULTI-SYSTEM CORPORATION | P.O. No. | PB2021-07-008 | P.R No. | AC2021-06-429 |
| Address: | Unit D5 Lui Gin Condo, Manila East Rd. El Monte Verde San Juan, Taytay Rizal | Date: | July 14, 2021 | | |
| | | Mode of Procurement: | Public Bidding | | |
| TIN: | 202-302-291-000 | PMO/ End-User: | BPSU ABUCAY CAMPUS / OLD ENGINEERING BLDG. (Laboratory Instrument and Equipment) | Posted (per Fund) by: | GAA 2021 |

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

| | | | | | |
|-----------------------|----------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------|------------|------------|
| Place of Delivery: | Supply Office, BPSU-Abucay Campus | Delivery Term: | 90 Calendar Days (upon commencement date specified on NTP) | | |
| Date of Delivery: | | Payment Term: | | | |
| Stock/Property No.: | Unit | Description | Quantity | Unit Cost | |
| 1 | lot | Soil and Water Laboratory Instruments and Equipment | | | |
| | | [6 UNITS] Prism Poles - 3 meters Pole Ø: 24mm/ 36mm/36mm Sections: 2 sections / 3 sections / 4 sections Full length: 2500mm / 3600mm / 5000mm Min. Length: 1370mm / 1550mm / 1700mm Lock Type: Twist | 6 | 3,360.00 | 20,160.00 |
| | | [2 UNITS] Leveling Rods Specifications Material: Aluminum Sections: 4m, 4 sections Overall length deviation: ±3mm Each meter deviation: ±0.5mm | 2 | 4,480.00 | 8,960.00 |
| | | [2 UNITS] Aluminum Tripod Specifications Full Length: 1700mm Min. Length: 1000mm Lock Type: Twist Lock / Quick Clamp Head Type: Dome / Flat Head Outer: 158mm Head Inner: 66mm Leg Type: Round Color: Orange / Yellow | 2 | 6,048.00 | 12,096.00 |
| | | [1 UNIT] DIGITAL PLANIMETER (Measuring range: Width 300mm maximum, Length free size, error of measurement: <±0.3%, Display: 6-digit LCD, Power: AC 220V 50Hz; DC7.2V) | 1 | 85,254.40 | 85,254.40 |
| | | [1 UNIT] TOTAL STATION SPECIFICATION (REFLECTORLESS) TELESCOPE Length: 154mm Objective Lens Diameter- Telescope: 45mm Distance Meter 50mm Magnification: 30C Image: Erect Field of View: 1°30' Resolving Power: 3" Minimum Focus: 1.0m DISTANCE MEASUREMENT Single Prism: 4000m+1 Non-Prism: 400m+2 800m+ Accuracy : Prism Mode ± (2mm+2ppm x D)m.s.e. +3 Non-Prism Mode ± (3mm+2ppm x D)m.s.e. +3 Measuring Time Fine: 0.7s, Normal: 0.5s Fine: 0.3s, Normal: 0.2s+4 Meteorologic Correction: ATMOSense (Auto Sending) Prism Constant: Manual Input | 1 | 305,984.00 | 305,984.00 |
| Total Amount in Words | Four Hundred Thirty Two Thousand Four Hundred Fifty Four Pesos and Forty Centavos Only | | | Sub Total | 432,454.40 |

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 the undelivered item/s.

Very truly yours

Conforme

(Signature over printed name)

August 3, 2021
Date

GREGORIO J. RODIS, PH. D.
University President
(Authorized Official)

Fund Cluster: **GAA 2021**
Funds Available: **3239,174.40**
EIZEL JANE PEREZ - DELA ROSA
Accountant IV
Chief Accountant/ Head of the Accounting Division/Unit

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

Amount :



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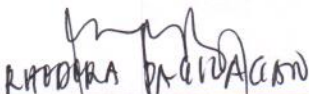
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| Stock/Property No.: | Unit | Description | Quantity | Unit Cost | |
|---------------------|------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------|-----------|--|
| | | ANGLE MEASUREMENT Method: Absolute Encoding Detecting System: H:2 sides, V: 2 Sides Min. Reading: 1°/5" Accuracy: 2" Diameter of Circle: 79mm Vertical Angle 0°: Zenith 0°/Horizontal:0° Unit: 360°/400gon/6400mil DISPLAY Display Unit: Graphic LCD 160 x 90 dots with white backlight No. of Unit: 2 Sides Keyboard: Alphanumeric Key TILT CORRECTION Tilt Sensor: Dual Axis Method: Liquid Electric Range: ±4', Setting Unit: 1" LEVEL SENSITIVITY , Plate level: 30"/2mm, Circular level: 8'/2mm OPTICAL PLUMMET: (OPTIONAL: INTERNAL LASER PLUMMET) Image: Erect Magnification: 3X Focusing Range: 0.3m~∞ Field of view: 5° | | | |
| | | DATA STORAGE & INTERFACE Internal Memory: >10,000 points or > 20, coordinates Data Interface: RS 232/SD-card/Mini-USB GENERAL Guide Light: YES Weight & Dimensions: 5.4kg, 340mm (H) X 160mm (W) X 150mm (L) Working Temperature: -20°C + 50°C Battery Type: Rechargeable Li-on Battery 3000mAh Battery Voltage: DC 7.4V, Working Time: 16h PACKAGE INCLUSIONS Carrying case, charger, 2 battery, multi port cable, user manual, plumb adjusting pin, sd card, mini USB cable screw driver, wiping cloth, lens cover rain cover, carrying belt, reflecting sheet, warranty card transfer software CD | | | |


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 the undelivered item/s.

Very truly yours

Conforme


(Signature over printed name)

Date **August 7, 2021**


GREGORIO J. RODIS, PH. D.
University President
(Authorized Official)

| | |
|----------------------------------------------------------------------------------------------------------------|---------------------|
| Fund Cluster: | GAA 2021 |
| Funds Available: | 3,239,174.40 |
| EIZEL JANE PEREZ - DELA ROSA Accountant IV Chief Accountant/ Head of the Accounting Division/Unit | |

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

Amount :



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| | | Date: | July 14, 2021 | | |
| Address: | Unit D5 Lui Gin Condo, Manila East Rd. El Monteverde San Juan, Taytay Rizal | Mode of Procurement: | Public Bidding | | |
| TIN: | 202-302-291-000 | PMO/ End-User: | BPSU ABUCAY CAMPUS / OLD ENGINEERING BLDG. (Laboratory Instrument and Equipment) | Posted (per Fund) by: | 57.16.2021 GAA 2021 |

Gentlemen

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

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| Place of Delivery: | Supply Office, BPSU-Abucay Campus | Delivery Term: | 90 Calendar Days (upon commencement date specified on NTP) |
| Date of Delivery: | | Payment Term: | |

| Stock/ Property No.: | Unit | Description | Quantity | Unit Cost | |
|----------------------------|------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------|------------|-------------------|
| | | [2 UNITS] Atmometer/Evapotranspiration Simulator Specification: Accuracy: $\pm 1\%$ of evaporated water; Resolution: 0.01" reference evapotranspiration Etr; Capacity: 12" Etr per filling; Temperature: 0-70°C max if using batteries; Humidity: 0-100%; Visual readings: sight tube with scale in inches and mm mounted on water reservoir; Output: Single pulse per 0.01" ETr; Output connection: Two wire, internal screw terminal block; Signal: Line pulled low for a 2.3 ± 0.7 second pulse after each 0.01" ETr; Impedance: Normally open-circuit, 53 ohms during pulse; Transient protection: Fully lighting protected except direct strike to the unit; Power supply: Four alkaline "AA" cells (6V); External supply connection: 5 to 16 Vdc, 0.1A peak 0.4 mA average. Internal screw-terminal block; Mountings: Stainless steel vertical bracket; Material: Ceramic evaporation plate, green canvas plate cover, glass sight tube, PVC plastic housing, CMOS electronics; Size: 22.3" H x 3.1" Dia.; Weight Shipping: 3 lbs/4 lbs | 2 | 226,240.00 | 452,480.00 |
| | | [1 UNIT] GPS with 8 Megapixel Camera and BirdsEye Subscription Specifications: <ul style="list-style-type: none">Physical dimensions: 2.9" x 5.7" x 1.4" (7.48 x 14.42 x 3.64 cm)Display size, WxH: 2"W x 3.5"H (5.06 x 8.93 cm); 4" diag (10.2 cm)Display resolution, WxH : 272 x 480 pixelsDisplay type: bright, transfective 65k color TFT, dual-orientation touchscreen; sunlight readableTouchscreenWeight: 10.2 oz (289 g) with included lithium-ion battery pack; 11.7 oz (333 g) with 3 AA batteries (not included)Battery: rechargeable lithium-ion (included) or 3 AA batteries (not included); NiMH or Lithium recommendedBattery life: up to 16 hours (lithium-ion); up to 22 hours (AA batteries)Water rating: IPX7High-sensitivity receiverInterface: high-speed USB and NMEA 0183 compatibleCamera: yes (8 megapixel with autofocus; automatic geo-tagging) | 1 | 121,520.00 | 121,520.00 |
| Total Amount in Words | Five Hundred Seventy Four Thousand Pesos Only | | | Sub Total | 574,000.00 |

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Very truly yours

Conforme

(Signature over printed name)

August 3, 2021
Date

GREGORIO J. RODIS, PH. D.
University President
(Authorized Official)

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| EIZEL JANE PEREZ - DELA ROSA Accountant IV Chief Accountant/ Head of the Accounting Division/Unit | |

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| | | <ul style="list-style-type: none">• Barometric altimeter• Electronic compass: Yes (tilt-compensated 3-axis)• Unit-to-unit transfer (shares data wirelessly with similar units)Maps & Memory• Basemap• Ability to add maps• Built-in memory: 4 GB• Accepts data cards: microSD™ card (not included)• Custom POIs (ability to add additional points of interest)• Waypoints/favorites/locations: 4000• Routes: 200• Track log: 10,000 points, 200 saved tracksIncludes:• Montana 680• Lithium-ion battery pack• USB cable• AC charger• Quickstart Guide | | | |
| 2 | lot | Crop Processing Laboratory Instruments and Equipment | | | |
| | | [2 UNITS] Sling Psychrometer specifications: 19.0 cm height x 2.5 cm width and 2.5 cm d; operating conditions = 25 to 120 degree fahrenheit and 10 to 100 % relative humidity | 2 | 13,216.00 | 26,432.00 |
| | | [1 UNIT] Compact Rice Mill Capacity (Hopper) = 250 grams paddy sample Capacity/Hr = 50kg/hr Power = 400W (0.5 HP) Single Phase Head Power = 1,900 RPM Follow Power = 1,000 RPM Size (LxWxH) = 700 x 340 x 1,000 (mm) Weight = 55 kg, Rubber Size = Width of 35mm and diameter of 100mm Power Source = 220V, 60Hz | 1 | 832,720.00 | 832,720.00 |
| Total Amount in Words | Eight Hundred Fifty Nine Thousand One Hundred Fifty Two Pesos Only | | | Sub Total | 859,152.00 |

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| Funds Available: | 3,234,174.40 |
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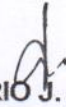
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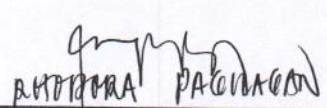
| Stock/Property No.: | Unit | Description | Quantity | Unit Cost | |
|-----------------------|------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------|-----------|-------------------|
| 3 | lot | Agricultural and Biosystems Engineering Machinery Equipment and Instruments | | | |
| | | [12 SETS] MICROCONTROLLER STARTER KIT The package contains the following parts: 8pcs - 560 ohms resistors 1/4w 8pcs - RED 5mm LED 1pc - 10K potentiometer 1pc - 3 pins connector 4pcs - 2pins connector 8pcs - GREEN 5mm LED 1pc - CLEAR 5mm LED 1pc - 1N4002 DIODE 3pcs - 10K ohms resistor 1/4w 1pc - 2.2k ohms resistor 1pc - LDR 2pins 1pc - Dc motor 20pcs - Connecting wires 1pc - LM35 Temperature sensor or LM34 Temperature sensor 2pcs - Button Switch 1pc - relay 5V Ea2-4.5NU 1pc - gizDuino + ATmega644P 1pc - Solderless breadboard (ZY-60) 1pc - SG-90 Servo motor 1pc - transistor MPS2222A 1pc - 72LS595 Shift Register IC 1pc - 3pins connector 1pc - +5v Buzzer 1pc - 2x16 LCD | 12 | 6,608.00 | 79,296.00 |
| | | [12 SETS] UNIVERSAL MICRO CONTROLLER DIGITAL TRAINER'S KIT RS-232C I/F LCD port with 2x16 LCD display, Realtime clock circuit, Magnetic buzzer 2-digit 7-segment display, 8-channel LED monitor Serial I/O expander, 4x3 keypad Encoder switch and push button switches, 8-bit serial DAC 3x adjustable analog voltage sources & LM34 analog temperature sensor Relay and stepper motor driver, Breadboard | 12 | 9,856.00 | 118,272.00 |
| Total Amount in Words | One Hundred Ninety Seven Thousand Five Hundred Sixty Eight Pesos Only | | | Sub Total | 197,568.00 |

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Conforme


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University President
(Authorized Official)


(Signature over printed name)

Date

Fund Cluster: **GAA 2021**

Funds Available: **3,239,174.40**

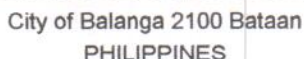
EIZEL JANE PEREZ - DELA ROSA
Accountant IV

Chief Accountant/ Head of the Accounting Division/Unit

ORS/BURS No.:

Date of the ORS/BURS No.:

Amount :



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| Stock/ Property No.: | Unit | Description | Quantity | Unit Cost | |
|----------------------------|------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------|----------|--------------|--------------|
| | | [1UNIT] LATHE MACHINE Universal Precision lathe machine Three phase 220V60 hz Max swing overbed:400mm Center Distance: 1000mm Spindle bore: 52mm | 1 | 1,176,000.00 | 1,176,000.00 |
| | | (Please refer to official bid form for detailed specifications) | | | |
| | | (Refer to Technical Specifications/Brochures/BOQ for detailed specifications) | | | |
| | | *****Nothing Follows***** | | | |
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| | | | | | |
| | | | | Sub Total | 1,176,000.00 |
| Total Amount in Words | | Three Million Two Hundred Thirty Nine Thousand One Hundred Seventy Four Pesos and Forty Centavos Only | | Grand Total | 3,239,174.40 |

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Very truly yours

Conforme

GREGORIO J. RODIS, PH. D.
University President
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(Signature over printed name)

August 3, 2021
Date

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|  EIZEL JANE PEREZ - DELA ROSA Accountant IV | | Amount : | |
| Chief Accountant/ Head of the Accounting Division/Unit | | | |