



**PURCHASE ORDER**

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

**DELIVERY DUE DATE:** 7/7/2020

Supplier: **PRINCE VALIANT INT'L CORP.**  
Address: **Room 201, 2nd fl., Red Doorz (Venetian) Cor Felix Huertas & Aurora Sts., Brgy. 377, Sta Cruz, Manila**  
TIN No.: **005-980-351-000**  
Tel. No.: **(033) 320-4338 / 323-3174**

PR No.: **2019-09-368**  
PO No.: **2020-224**  
Date: **7/8/2020**  
Mode of Procurement: **Public Bidding**

Gentlemen:

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

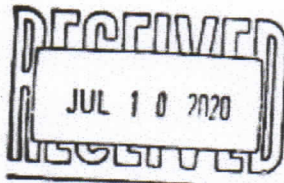
Place of Delivery: **TARLAC STATE UNIVERSITY** Delivery Term: **120 Calendar Days**  
Date of Delivery: \_\_\_\_\_ Payment Term: **N/30**

Item No.	Unit	Description	Quantity	Unit Cost	Total Cost
1		<b>FLOW/ CURRENT METER</b> , portable: flow speed measurement - Regular size wind speed impeller - diameter: 20 mm; hole diameter: 33 mm; minimum sensitivity : < 3 km/h (< 1 m/s); precision: ± 2 %; "off-axis" error: ± 30 o, ± 3 % . Small size wind speed impeller - diameter: 12 mm; hole diameter: 18 mm; minimum sensitivity: 3 km/h (1 m/s); precision: ± 2 %; "off-axis" error: ± 10 o, ± 3 %; operating temperature: - 50 to 100 oC. Water impeller - diameter: 60 mm; minimum sensitivity: 0.3 km/h ( 0.1 m/s); precision: ± 2 %; "off-axis" error: ± 20 o, ± 3 % . Selectable units: knot, mph, kph, m/s, fps, cm/s. speed resolution: 0.1 for all units (except for cm/s). Functions: current, minimum, average, maximum temperature, and windchill factor. Thermometer - selectable units : oC, oF, oC felt, oF felt; precision: ± 0.2 oC; resolution: ± 0.1 oC; functions: ambient temperature, felt, minimum, average, and maximum. Powered by two AA batteries. With one (1) year warranty; with training	5	47,600.00	238,000.00
2		<b>DEPTH SOUNDER</b> , digital; with external transducer; measuring range: 1.8 to 260 ft (0.6 to 79 m); waterproof up to a depth of 50 m; reading units in m and ft; accuracy: ± 1%; frequency (built-in transducer): 400 kHz with a 6 o beam angle; frequency (external transducer): 200 kHz with a 24 o angle; powered by a 9 V battery; with wrist lanyard, with 1 year warranty; with training	5	31,000.00	155,000.00
					<b>393,000.00</b>

[Total Amount in Words] Three Hundred Ninety Three 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

Conformed by:  
**RONA ESTEELERO**  
**PRINCE VALIANT INT'L CORP.**



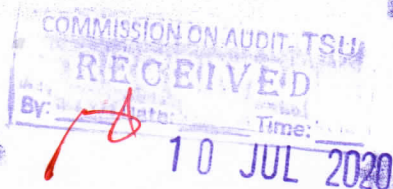
Very truly yours,





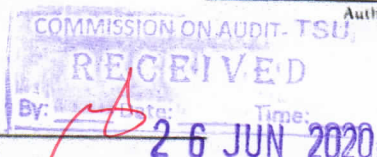
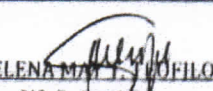
**DR. GLENARD T. MADRAGA**  
VP. Admin. & Finance  
Authorized Official

(Signature over printed name & date)  
Bank Account Name: **Prince Valiant International Corporation**  
Bank Account Number: **2321 068 424**  
Bank Name: **Land Bank of the Philippines**  
Bank Address: **Gaisan, La Paz**

Funds Available:  
**ELENA MAY T. TEOFILO**  
OIC - Budget Office

ALOBS No. :  
Amount :



 <b>PURCHASE ORDER</b>		<b>DELIVERY DUE DATE:</b> 8/2/2020			
Procurement Unit Tel No. 045 606 8142/ 606 8157					
Supplier: <b>SURVEYTECH TRADING</b> Address: 175 Ilocos Sur St., Brgy. Sto. Cristo, Bago Bantay, Quezon City TIN No.: 137-563-745-000 Tel. No.: 0917-956-2410		PR No.: 2019-09-368 PO No.: 2020-208 Date: 6/24/2020 Mode of Procurement: Public Bidding			
Gentlemen: Please furnish this office the following articles subject to the terms and conditions contained herein:					
Place of Delivery: <b>TARLAC STATE UNIVERSITY</b> Date of Delivery:		Delivery Term: 30 Calendar Days Payment Term: N/30			
Item No.	Unit	Description	Quantity	Unit Cost	Total Cost
3	set	<b>REFLECTORLESS TOTAL STATION</b> , New South Reflectorless Total Station, Model: N6, 600 m reflectorless distance range; 5 km distance range with single prism, 200,000 points memory data upload/download, Interface: Bluetooth, SD Card, USB, and RS232; with complete surveying/construction programs on board, electronic bubble; alphanumeric keys, MS Windows compatible; GPS data ready; Data Text, DXF, CSV/AutoCAD ready; 20 hours battery life (for two Li-Ion batteries); with the following accessories: two battery pack (rechargeable), one quick charger, one software, one SD Card, one USB cable, one plumb bob and calibrating tools, one aluminum tripod (triple lock), five prisms with tilttable holder and target, five range poles (3 m), one operations manual; with one (1) year warranty; with training	2	225,000.00	450,000.00
4	set	<b>WATERPROOF PRECISE AUTOMATIC LEVEL</b> , New South Waterproof Automatic Level, Model: DS-Z3, can submerge to water up to 3 ft; 28 x magnification; 1 mm accuracy for 1 km double run leveling; with the following accessories: one plumb bob, one aluminum tripod, four aluminum stadia rod with leveling bubble (5 m), one operations manual; with one (1) year warranty	3	35,000.00	105,000.00
5	pcs	<b>LASER DISTANCE METER</b> , New Bosch Laser Distance Meter, Model: GLM250 VF, handheld; 2 in. to 825 ft range; ± 1/16 in. accuracy; 4-line back lit display; integrated 1.6 x view finder; illuminated display; built-in bubble vial; up to 30,000 measurements memory storage; measurement modes: length, area, volume, min/max, continuous, single/double/combined, indirect length, stake out, trapezoid, ans multi-surface; Class 2 laser; powered by four AAA batteries; with one (1) year warranty; with training	5	48,000.00	240,000.00
6	set	<b>MULTI-FREQUENCY GNSS RTK</b> , (1 Rover and 1 Controller), New South Multi-frequency GNSS RTK Receiver Model: GALAXY G1, (similar to existing equipment in Surveying Laboratory); Rover Station standard configuration: mainframe, antenna, controller, measuring tape, mainframe charger, mainframe batteries, bracket controllers, retractable pole, multi-function communication cable; with one (1) year warranty; with training	1	595,000.00	595,000.00
					<b>1,390,000.00</b>
(Total Amount in Words) One Million Three Hundred Ninety 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					
Conforme:  6/26/2020 <b>GARY R. CARPANOS</b>				Very truly yours,  <b>DR. GENARD T. MABRIAGA</b> VP, Admin. & Finance Authorized Official	
SURVEYTECH TRADING (Signature over printed name & date)					
Bank Account Name: <u>SURVEYTECH TRADING</u> Bank Account Number: <u>004-050004-753</u> Bank Name: <u>BANCO DE ORO (BDO)</u> Bank Address: <u>SM NORTH EDNA, PACIGA, QUEZON CITY</u>					
Funds Available:  <b>ELENA M. POFILO</b> OIC- Budget Office				ALOBS No.: Amount:	
No. TSU-PRO-SF-09   Revision No. 02				Effectivity Date: October 25, 2019   Page 1 of 1	



**PURCHASE ORDER**

**DELIVERY DUE DATE:**

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

Supplier: **DIAMOND INDUSTRIAL SYSTEMS PROVIDER, INC.**  
Address: 19 Millfiores Drive, Beverly Hills Subd., Antipolo City, Rizal  
TIN No.: 239-315-156-000  
Tel. No.: (02) 571-5110/ 330-6913

PR No.: 2019-09-368  
PO No.: 2020-252  
Date: 7/29/2020  
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
7	set	<p><b>LABORATORY EQUIPMENT FOR CHEMISTRY,</b></p> <p><b>1. Touch Screen Interface, LabQuest (1 pc)</b> Display: 11.2x6.7cm screen, 800x480 pixel color display at 188dpi, LED backlight, portrait or landscape screen orientation, high-contrast mode for outdoor visibility, Processor: 800MHz Application Processor, Connectivity: Wi-Fi 802.11 b/g/n @ 2.4GHz, Bluetooth Smart for WDSS and Wireless Sensors User Interface: Resistive touch screen and touch and stylus navigation; Data Acquisition: 100,000 samples per second, 12-bit resolution, Built-in GPS, 3axis accelerometer, ambient temperature, light, and microphone Ports: 5 sensor channels, USB port for sensors, flash drives, and peripherals, USB mini port, DC power jack, Micro SD/MMC slot, Audio in and out Storage: 200MB, Expandable with Micro SD and USB flash drive Power: Rechargeable high-capacity battery, DC charging/powering through external adapter.</p> <p><b>2. Touch Screen Data-Collection and Analysis Software, LabQuest (1 pc)</b> Analysis Features: Perform linear and curve fits, landscape and portrait views, supports built-in sensors--GPS, microphone, accelerometers, relative light sensors, draw a prediction before collecting data, display two graphs at once, display a tangent line on the graph, integral function, statistics; Built-In Applications: stopwatch, periodic table, sound recorder, scientific calculator, audio function generator, power amplifier; with preloaded lab instructions</p> <p><b>3. Temperature Probe, TMP-BTA (1 pc)</b> Temperature range: -40 to 135°C Maximum operating temperature: 150°C; Resolution: 0.17°C (-40 to 0°C), 0.03°C (0 to 40°C), 0.1°C (40 to 100°C), 0.25°C (100 to 135°C) Temperature sensor: 20 kΩ NTC thermistor Accuracy: ±0.2°C at 0°C, ±0.5°C at 100°C Response time (time for 90% change in reading): 10 seconds (in water, with stirring), 400 seconds (in still air), 90 seconds (in moving air) Probe dimensions: 5cm length by 1.25cm diameter handle, length 10.5cm by 4mm diameter stainless steel probe</p> <p><b>4. pH Sensor, PH-BTA (1 pc)</b> Type: Sealed, gel-filled, epoxy body, Ag/AgCl Shaft diameter: 12mm OD Response time: 90% of final reading in 1 second Temperature range: 5 to 80°C; Range: pH 0-14; accuracy: +/- 0.2 pH units Isopotential pH: pH7</p> <p><b>5. Gas Pressure Sensor, (1 pc)</b> Pressure Range: 0 to 400kPa Resolution: 0.03kPa Accuracy: ±3kPa Maximum sampling rate: 50 samples/s Internal volume 0.8ml Maximum operating pressure: 405kPa</p>	2	350,000.00	700,000.00
<b>Sub-Total</b>					<b>700,000.00</b>

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

Conformed: **James L. Enriquez** 08/08/20  
**DIAMOND INDUSTRIAL SYSTEMS PROVIDER, INC.**  
(Signature over printed name & date)

COMMISSION ON AUDIT-TSUI  
**RECEIVED**  
By: *[Signature]* Date: 13 AUG 2020

Very truly yours, *[Signature]*  
**DR. GLENARD T. MADRAGA**  
VP, Admin. & Finance  
Authorized Official

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

Funds Available:  
*[Signature]*  
**ELENA MAY L. JOFILO**  
Head, Budget Office

ALOBS No. :  
Amount :



# PURCHASE ORDER

DELIVERY DUE DATE:

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

Supplier: **DIAMOND INDUSTRIAL SYSTEMS PROVIDER, INC.**  
Address: 19 Millfiores Drive, Beverly Hills Subd., Antipolo City, Rizal  
TIN No.: 239-315-156-000  
Tel No.: (02) 571-5110 / 330-6013

PR No.: 2019-09-368  
PO No.: 2020-252  
Date: 7/24/2020  
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**  
Date of Delivery:  
Delivery Term: 120 Calendar Days  
Payment Term: N/30

Item No.	Unit	Description	Quantity	Unit Cost	Total Cost
		<i>Balance Forwarded</i>			<b>700,000.00</b>
0	set	<p><b>6. Voltage Probe</b>, VP-BTA (1 pc) Input voltage range: ± 10V</p> <p><b>7. Conductivity Probe</b>, CON-BTA (1 pc) Range: Low: 0 to 200µS/cm (0 to 100mg/L TDS), Mid: 0 to 2000µS/cm (0 to 1000mg/L TDS), High: 0 to 20,000µS/cm (0 to 10,000mg/L TDS) Typical resolution: Low: 0.1µS/cm (0.05mg/L TDS), Mid: 1µS/cm (0.5mg/L TDS), High: 10µS/cm (5mg/L TDS) Accuracy using factory calibration: ±8% of full-scale reading for low range, ±3% of full-scale reading for mid range, ±4% of full-scale reading for high range Accuracy using custom calibration: ±2% of full-scale reading for each range Response time: 98% of full-scale reading in 5 seconds, 100% of full-scale in 15 seconds Temperature compensation: automatic from 5 to 35°C Temperature range: 0 to 80°C Cell constant: 1.0cm-1 Description: ABS body, parallel carbon (graphite) electrodes Dimensions: 12mm OD and 150mm length</p> <p><b>8. Colorimeter</b>, COL-BTA (1 pc) Range: 0 to 3 (absorbance) Useful Range: 0.05 to 1.0 (absorbance), 90% to 10% transmittance (%T) Wavelengths: 430nm, 470nm, 565 Supply current: 0mA (typical) Power up time: 700ms (maximum) Output voltage range: 0-4V Transfer function: <math>V_{out} = 0.635 \times (\%T) + 0</math></p> <p><b>9. Drop Counter</b>, Vernier, VDC-BTD (1 pc) Adjustable clamp, fits most laboratory ring stands and lattices Wide drop-detecting area Large sensor slot, fits most conventional stick-style sensors Smaller, adjustable slot for temperature sensors Accurate drop counting at rates up to 6 drops/second. With one (1) year warranty; with training</p> <p><b>LABORATORY EQUIPMENT FOR PHYSICS</b></p> <p><b>1. Touch Screen Interface</b>, LabQuest (1 pc) Display: 11.2x6.7cm screen, 800x480 pixel color display at 188dpi, LED backlight, portrait or landscape screen orientation, high-contrast mode for outdoor visibility Processor: 800MHz Application Processor Connectivity: Wi-Fi 802.11 b/g/n @ 2.4GHz, Bluetooth Smart for WDS and Wireless Sensors User Interface: Resistive touch screen and touch and stylus navigation; Data Acquisition: 100,000 samples per second, 12-bit resolution, Built-in GPS, 3axis accelerometer, ambient temperature, light, and microphone Ports: 5 sensor channels, USB port for sensors, flash drives, and peripherals, USB mini port, DC power jack, Micro SD/MMC slot, Audio in and out Storage: 200MB, Expandable with Micro SD and USB flash drive; Power: Rechargeable high-capacity battery, DC charging/powering through external adapter</p> <p><b>2. Touch Screen Data-Collection and Analysis Software</b>, LabQuest (1 pc) Analysis Features: Perform linear and curve fits, landscape and portrait views, supports built-in sensors—GPS, microphone, accelerometers, relative light sensors, draw a prediction before collecting data, display two graphs at once, display a tangent line on the graph, integral function, statistics; Built-in Applications; stopwatch, periodic table, sound recorder, scientific calculator, audio function generator, power amplifier; with preloaded lab instruction</p>	2	355,000.00	710,000.00
		<i>Sub-Total</i>			<b>1,410,000.00</b>

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

Conforms: **James L. Enriquez 08/08/20**

**DIAMOND INDUSTRIAL SYSTEMS PROVIDER, INC.**  
(Signature over printed name & date)

Bank Account Name: \_\_\_\_\_  
Bank Account Number: \_\_\_\_\_  
Bank Name: \_\_\_\_\_  
Bank Address: \_\_\_\_\_

Funds Available:  
**ELENA M. PROFILO**  
Head, Budget Office

Very truly yours,  
**DR. GLENARD T. MADRIAGA**  
VP, Admin. & Finance  
Authorized Officer

RECEIVED  
By: *[Signature]* 13 AUG 2020

ALOBS No.:  
Amount: