



BATAAN PENINSULA STATE UNIVERSITY

City of Balanga 2100 Bataan
PHILIPPINES

PURCHASE ORDER

Supplier:	SIGMATECH, INC.	P.O. No.	PB2021-08-010	P.R No.	CO2021-07-0272
		Date:	August 25, 2021		
Address:	B136 L1 C. Arellano St., Katarungan Village, Poblacion, Muntinlupa City	Mode of Procurement:	Public Bidding		
TIN:	210-158-352-000	PMO/ End-User:	ESO - ENGR. GIL G. CRUZ, M.Sc.	Posted (per Fund) by:	Custodial Fund - CHED IDIG

Gentlemen

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

Place of Delivery:	Supply Office, BPSU-Central Office	Delivery Term:	60 Calendar Days (upon commencement date specified on NTP)
Date of Delivery:		Payment Term:	

Stock/Property No.:	Unit	Description	Quantity	Unit Cost	
1	Lot	Physicochemical Water Quality Analysis Equipment			
		Dual Channel pH/ORP/Cond/TDS/Res/Sal/Temp Benchtop Water Quality Meter Features Large Black & White static LCD Large font-size for primary measurement value Soft-touch keypad Memory function ATC with temperature calibration Auto Shut-off (1 to 30 minutes) Auto-hold and stability indicator Password lock Calibration data print for GLP/GMP compliance New integrated electrode stand USB or RS232 connecting to PC/printer Small footprint Technical Specifications pH range - -2.000 to 19.999 pH Resolution - 0.1/0.01/0.01 pH Accuracy - ± 0.003 pH Cal Points - 5 Buffer Options - USA/NIST/Custom ORP Range - ±1999.9 mV Resolution - 0.1 mV Accuracy - ±0.2mV EC Range .. µS/cm to 19.99 µS/cm .. µS/cm to 1999.0 µS/cm .. µS/cm to 20.00 µS/cm .. µS/cm to 200.00 µS/cm Resolution - 0.05% F.S. Accuracy - ± 0.6% F.S (±1.5% F.S > 18.0 ms/cm) Ref. Temp - 15 to 30 deg C (Selectable) Temp. Coefficient - 0.01 to 10.0% (Selectable) Cell Constants - 0.1/1.0/10/0 Cal Points - 4 Units Setting - Auto Ranging/Manual/µS/cm or mS/cm or S/m	1	125,000.00	125,000.00

Total Amount in Words	One Hundred Twenty Five Thousand Pesos Only	Sub Total	125,000.00
-----------------------	--	-----------	-------------------

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 the undelivered item/s.

Very truly yours

Conforme

(Signature over printed name)

SEPTEMBER 21, 2021
Date

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

Fund Cluster: **Custodial Fund - CHED IDIG**
Funds Available:

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 :



BATAAN PENINSULA STATE UNIVERSITY

City of Balanga 2100 Bataan
PHILIPPINES

PURCHASE ORDER

Supplier:	SIGMATECH, INC.	P.O. No.	PB2021-08-010	P.R No.	CO2021-07-0272
Address:	B136 L1 C. Arellano St., Katarungan Village, Poblacion, Muntinlupa City	Date:	August 25, 2021		
		Mode of Procurement:	Public Bidding		
TIN:	210-158-352-000	PMO/ End-User:	ESO - ENGR. GIL G. CRUZ, M.Sc.	Posted (per Fund) by:	Custodial Fund - CHED IDIG

Gentlemen

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

Place of Delivery:	Supply Office, BPSU-Central Office	Delivery Term:	60 Calendar Days (upon commencement date specified on NTP)		
Date of Delivery:		Payment Term:			
Stock/Property No.:	Unit	Description	Quantity	Unit Cost	
		Units Setting - Auto Ranging/Manual/ μ S/cm or mS/cm or S/m TDS Range 0.01 ppm to 9.99 ppm 0.1 ppm to 999.9 ppm 1 ppm to 10.00 ppm 10 ppm to 100.00 ppm Resolution - 0.01 ppm / 0.1 ppt Accuracy - \pm 0.1% F.S TDS Curves - EN27888, 442, linear (0.40 to 1.0) Resistivity Range - 0.000 Ω /cm to 20.000 Ω /cm 0.00 Ω /cm to 200.0 Ω /cm Resolution - 0.05% F.S. Accuracy - 0.06% F.S. (\pm 1.5% F.S > 1.80 M Ω /cm) Salinity Range - 0.0 to 100.0 ppt/0.00 to 10.00% Resolution - 0.1 ppt/0.1% Accuracy - 0.2% F.S. Cal Curves - NaCl/Sea Water Temperature - -30.0 to 130 deg C Resolution - 0.1 deg C Accuracy - \pm 0.4 $^{\circ}$ C Accessories Included 1 unit - Refillable, glass-body pH electrode with integrated temperature sensor 1 unit - Plastic body, k - 1.0 conductivity cell 1 set - pH Buffer Set (pH 4.01, 7.01, 10.01 3.33 KCL solutions at 250 ml each 1 set - Conductivity Standard Solution Set (84 μ S/cm, 1413 uS/cm, 12.88 mS/cm, 111.9 mS/cm solutions), 250ml each 1 unit Electrode Stand Offer Brand: Horiba PC1100			
	Lot	Multi-parameter Water Quality Meter with GPS Specifications & Features Automatic calibration Water resistance: JIS protection level 7 or better GPS At least ten 10 water quality parameters: pH	1	470,000.00	470,000.00
Total Amount in Words	Four Hundred Seventy Thousand Pesos Only			Sub Total	470,000.00

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 the undelivered item/s.

Very truly yours

Conforme

JUAN VICTOR GONZALES
(Signature over printed name)
SEPTEMBER 21, 2021
Date

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

Fund Cluster:	Custodial Fund - CHED IDIG
Funds Available:	
EIZEL JANE PEREZ - DELA ROSA Accountant IV 911 Chief Accountant/ Head of the Accounting Division/Unit	

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

Amount :



BATAAN PENINSULA STATE UNIVERSITY

City of Balanga 2100 Bataan
PHILIPPINES

PURCHASE ORDER

Supplier:	SIGMATECH, INC.	P.O. No.	PB2021-08-010	P.R No.	CO2021-07-0272
		Date:	August 25, 2021		
Address:	<i>B136 L1 C. Arellano St., Katarungan Village, Poblacion, Muntinlupa City</i>	Mode of Procurement:	Public Bidding		
TIN:	210-158-352-000	PMO/ End-User:	ESO - ENGR. GIL G. CRUZ, M.Sc.	Posted (per Fund) by:	Custodial Fund - CHED IDIG

Gentlemen

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

Place of Delivery:	Supply Office, BPSU-Central Office	Delivery Term:	60 Calendar Days (upon commencement date specified on NTP)
Date of Delivery:		Payment Term:	

Stock/ Property No.:	Unit	Description	Quantity	Unit Cost	
		Range: 0-14 Resolution: 0.01pH or better Accuracy: ± 0.1 pH or better Oxidation Reduction Potential (ORP) Range: ± 2000 mV Resolution: 1 mV or better Accuracy: ± 15 mV or better Dissolved Oxygen (DO) Range: 0 to 50.0 mg/L Resolution: 0.01 mg/L or better Accuracy: ± 0.5 mg/L or better Automatic temperature compensation (COND) Range: 0 to 100 mS/cm Accuracy: $\pm 1\%$ F.S. or better Automatic range detection and temperature conversion Salinity Range: 0 to 70 PPT Resolution: 0.1 PPT or better Accuracy: ± 3 PPT or better Total Dissolved Solid (TDS) Range: 0 to 100 g/L Resolution: 0.1% F.S. or better Accuracy: ± 5 g/L or better Seawater specific gravity Range: 0 to 50 σ_t Resolution: 0.1 σ_t or better Accuracy: ± 5 σ_t or better Temperature Range: -5 to 55°C Resolution: 0.01°C or better Accuracy: $\pm 0.3 + 0.005 t $ or better Turbidity (TURB) Range: 0 to 800 NTU or better Resolution: 0.1 NTU or better Accuracy: ± 1 NTU or better Water depth Accuracy: ± 0.3 m or better			
Total Amount in Words					

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)
JUAN M. NITURIA GINALONG
(Signature over printed name)

SEPTEMBER 21, 2021
Date

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

Fund Cluster:	Custodial Fund - CHED IDIG
Funds Available:	
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 :



BATAAN PENINSULA STATE UNIVERSITY

City of Balanga 2100 Bataan
PHILIPPINES

PURCHASE ORDER

Supplier:	SIGMATECH, INC.	P.O. No.	PB2021-08-010	P.R No.	CO2021-07-0272
Address:	B136 L1 C. Arellano St., Katarungan Village, Poblacion, Muntinlupa City	Date:	August 25, 2021		
		Mode of Procurement:	Public Bidding		
TIN:	210-158-352-000	PMO/ End-User:	ESO - ENGR. GIL G. CRUZ, M.Sc.	Posted (per Fund) by:	Custodial Fund - CHED IDIG

Gentlemen

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

Place of Delivery:	Supply Office, BPSU-Central Office	Delivery Term:	60 Calendar Days (upon commencement date specified on NTP)
Date of Delivery:		Payment Term:	

Stock/ Property No.:	Unit	Description	Quantity	Unit Cost	
		Double - Beam UV - Vis Spectrophotometer Optical System Czerny-Turner mount, Double beam monochromator Wavelength range 190 to 1100 nm, Spectral band width 1 nm or better Stray Light 198 nm (KCl): 1.0% or less 220 nm (NaI): 0.05% or less 340 nm (NaNO ₂): 0.05% or less Wavelength accuracy ±0.3 nm (Xe: 260.6, 484.3, 881.9 nm, Hg: 253.7, 435.8, 546.1 nm) Wavelength repeatability ±0.1 nm, Photometric range Abs: -3.3 to 3.3, %T: 0 to 300 Photometric accuracy, ±0.002 Abs (0 to 0.5 Abs) ±0.004 Abs (0.5 to 1.0 Abs) Photometric repeatability ±0.002 Abs (0 to 1.0 Abs) Scan speed 10, 40, 100, 200, 400, 800, 1200, 2400, 4800, 6000 nm/min Wavelength drive speed 8500 nm/min, Response Fast, Medium, Slow Baseline Stability 0.0005 Abs/h (at 260nm) Noise level 0.0001 Abs (RMS, 260 nm, 0 Abs) Baseline flatness ±0.0009 Abs (200 to 950 nm) Light source, Xenon flash lamp 5W (light source is guaranteed for 7 years) Detector, Silicon photodiode, Cell holder Automatic 6-cell turret, Interface, LAN Port: connected to a router or PC USB Port: connected to a USB memory for use when transferring CSV-format files Software functions 6-cell mode setting function, Automatic monitor power-off time setting function, Intelligent start function, Measurement modes, Data/measurement condition saving functions, File search function, Maintenance functions (Wavelength calibration, Lamp usage time monitoring, Sample chamber opening/closing detection, Performance evaluation, Maintenance history storage), Data processing functions, Output capability Computer System Desktop PC (Windows 10, 64 bit), 5 GB Storage	1	550,000.00	550,000.00
Total Amount in Words		Five Hundred FiftyThousand Pesos Only		Sub Total	550,000.00

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 the undelivered item/s.

Very truly yours

Conforme

(Signature over printed name)

SEPTEMBER 21, 2021
Date

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

Fund Cluster: _____ Custodial Fund - CHED IDIG
Funds Available: _____

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 : _____



BATAAN PENINSULA STATE UNIVERSITY

City of Balanga 2100 Bataan
PHILIPPINES

PURCHASE ORDER

Supplier:	SIGMATECH, INC.	P.O. No.	PB2021-08-010	P.R No.	CO2021-07-0272
		Date:	August 25, 2021		
Address:	B136 L1 C. Arellano St., Katarungan Village, Poblacion, Muntinlupa City	Mode of Procurement:	Public Bidding		
TIN:	210-158-352-000	PMO/ End-User:	ESO - ENGR. GIL G. CRUZ, M.Sc.	Posted (per Fund) by:	Custodial Fund - CHED IDIG

Gentlemen

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

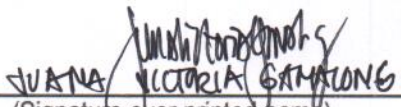
Place of Delivery:	Supply Office, BPSU-Central Office	Delivery Term:	60 Calendar Days (upon commencement date specified on NTP)
Date of Delivery:		Payment Term:	


Stock/ Property No.	Unit	Description	Quantity	Unit Cost	
		Warranty One year on parts and service Others 1. Vendors must have at least 1 trained engineer and 1 application chemist dedicated to the instrument 2. Certificate of Distributorship from Principal Supplier Offer Brand: Hitachi UH5300			
2	Lot	Water Quality Testing Auxilliary Equipment	1		
1		Tube Test Heater - COD Digester Technical Specifications Temperature range: 30 deg C to 200deg C Temperature stability: 1deg C @ 100 deg C by 120 minutes test Temperature uniformity: < 0.5 deg C @ 100 degC Temperature accuracy: < 1 deg C @ 100 deg C (@ 230V / 50Hz, 115V / 60Hz) Temperature controller: Pre-calibrated Display and control: Two large size four digit LED displayTemperature calibration: Built-in and pre-calibrated Heating rate: <18 minutes from ambient to 100 deg C @ 230V, 50Hz Number of blocks: 1 Heat power (Watt): 250 W Over temperature cutoff: 212 deg C Timer: 0 - 999 minutes Power: 120 / 60Hz; 230V / 50Hz, voltage variation < 2% Cabin dimensions (mm): 102 x 78 x 46 (W x D x H) Physical dimensions (mm): 310 x 250 x 80 (W x D x H) Weight without block (kg): 3.3 Certification: CE Offer Brand: LaMotte HB-1	1	110,500.00	110,500.00
2		Laboratory Furnace Features, Compact Design Asbestos-Free Ceramic Fiber Insulation S Thermocouple, Technical Specifications Maximum Temperature - 1200 deg C, Temperature Fluctuation - <1 deg C Working Volume - 15 L, Dimensions in L x W x H mm - 615 x 450 x 465 Net Weight - 48 kgs, Power Supply - 230 V Single Phase - 3500 watss Offer Brand: France Etuves XKL-15	1	350,000.00	350,000.00
Total Amount in Words		Four Hundred Sixty Thousand Five Hundred Pesos Only		Sub Total	460,500.00

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 the undelivered item/s.

Very truly yours

Conforme


(Signature over printed name)
SEPTEMBER 21, 2021
Date


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

Fund Cluster: **Custodial Fund - CHED IDIG**
Funds Available:
EIZEL JANE PEREZ - DELA ROSA
Accountant IV **9/27**
Chief Accountant/ Head of the Accounting Division/Unit

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

Amount :



BATAAN PENINSULA STATE UNIVERSITY

City of Balanga 2100 Bataan
PHILIPPINES

PURCHASE ORDER

Supplier:	SIGMATECH, INC.	P.O. No.	PB2021-08-010	P.R No.	CO2021-07-0272
		Date:	August 25, 2021		
Address:	B136 L1 C. Arellano St., Katarungan Village, Poblacion, Muntinlupa City	Mode of Procurement:	Public Bidding		
TIN:	210-158-352-000	PMO/ End-User:	ESO - ENGR. GIL G. CRUZ, M.Sc.	Posted (per Fund) by:	Custodial Fund - CHED IDIG

Gentlemen

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

Place of Delivery:	Supply Office, BPSU-Central Office	Delivery Term:	60 Calendar Days (upon commencement date specified on NTP)		
Date of Delivery:		Payment Term:			
Stock/Property No.:	Unit	Description	Quantity	Unit Cost	
3	Lot	Laboratory Oven Features Suitable for drying, heating, heat preservation, sterilization with hot air, component aging, curing and thermal tests application in laboratories; Corrosion-resistant stainless steel casing; C3030 intelligent controller with delayed start, heating up ramp, end-cycle timer, repeat loop Technical Specifications Working Volume - 112 L Internal Dimensions - 500x450x1000 mm External Dimensions - 664x746x794 mm Weight - 65 kg Temperature Range - 10 deg C to 300 deg C Temperature Fluctuation - <0.2 deg C Maximum Rate of Air Exchange - 9 m3/h Number of Air Outlet - 1 Heating Power - 1500 W Power - 230 V Amperage Connection - 10 A Maximum Load on Oven Shelf - 30 to 60 kg Offer Brand: France Etuves XUE112	1	175,000.00	175,000.00
4		Laboratory Incubator Specifications & Features Volume Capacity: 225 L Temperature range: 0°C - 60°C Temperature consistency: ±0.95°C or better Maximum number of shelves: 17 or more Maximum load: 120 kg or better Water recovery tray Stainless steel inner chamber Offer Brand: France Etuves XBR225	1	265,000.00	265,000.00
5		Glass Dessicator Jar - 300 mm Offer Brand: Cordial	2	10,000.00	20,000.00
Total Amount in Words		Four Hundred Sixty Thousand Pesos Only		Sub Total	460,000.00

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 the undelivered item/s.

Very truly yours

Conforme

(Signature over printed name)
SEPTEMBER 21, 2021
Date

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

Fund Cluster: _____
Funds Available: _____
Custodial Fund - CHED IDIG

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 : _____



BATAAN PENINSULA STATE UNIVERSITY

City of Balanga 2100 Bataan
PHILIPPINES

PURCHASE ORDER

Supplier:	SIGMATECH, INC.	P.O. No.	PB2021-08-010	P.R No.	CO2021-07-0272
		Date:	August 25, 2021		
Address:	B136 L1 C. Arellano St., Katarungan Village, Poblacion, Muntinlupa City	Mode of Procurement:	Public Bidding		
TIN:	210-158-352-000	PMO/ End-User:	ESO - ENGR. GIL G. CRUZ, M.Sc.	Posted (per Fund) by:	Custodial Fund - CHED

Gentlemen

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

Place of Delivery:	Supply Office, BPSU-Central Office	Delivery Term:	60 Calendar Days (upon commencement date specified on NTP)
Date of Delivery:		Payment Term:	

Stock/ Property No.:	Unit	Description	Quantity	Unit Cost	
6		Micropipette Volume - 100-1000ul Features Fully Autoclavable Volume Display Offer Brand: Labopette	5	7,450.00	37,250.00
7		Micropipette Volume - 1000ul-5000ul Features Fully Autoclavable Volume Display Offer Brand: Labopette	5	7,450.00	37,250.00
		<i>(Please refer to official bid form for detailed specifications)</i>			
		<i>(Refer to Technical Specifications/Brochures/BOQ for detailed specifications)</i>			
		*****Nothing Follows*****			
				Sub Total	74,500.00
Total Amount in Words		Two Million One Hundred Forty Thousand Pesos Only		Grand Total	2,140,000.00

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 the undelivered item/s.

Very truly yours

Conforme

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

Juana Victoria Samalung
JUANNA VICTORIA SAMALUNG
(Signature over printed name)

SEPTEMBER 21, 2021
Date

Fund Cluster: _____ Funds Available: _____ <div style="text-align: center;"> EIZEL JANE PEREZ - DELA ROSA Accountant IV <i>Chief Accountant/ Head of the Accounting Division/Unit</i> </div>	<div style="text-align: center;"> Custodial Fund - CHED IDIG </div> <div style="text-align: right;"> ORS/BURS No.: _____ Date of the ORS/BURS No.: _____ Amount : _____ </div>
---	---