



Supplier Address	RainPhil Inc. 2/F Lot 2, Bk. 27, Arellano cor. Olivares St., Palanan, Makati City			PO No. 2024-09-0941	Date 9/20/24
TIN	215-397-569-00000	Mode of Procurement	Public Bidding		
Gentlemen: Please furnish this Office the following articles subject to the terms and conditions contained herein:					
Place of Delivery	PhilRice Warehouse, Maligaya, Science City of Muñoz, 3119 Nueva Ecija		Delivery Term	FOB Destination	
Date of Delivery	within 60 calendar day(s) upon receipt of purchase order		Payment Term	Payable n/30	
Item Code	Item Description	Unit	Qty	Cost	Amount
106051400001-001-15	Technical and Scientific Equipment, Biofermenter Brand: IKA habitat Ferment CCT HABITAT ferment dw10 HRC 2 control HA.1s.10 HA.sfr.250 HA.ap Country Origin: Malaysia HABITAT ferment cct: Control unit package for bioreactor, fermentation, incl. option for additional sensors HABITAT ferment dw 10: Vessel package, 101 double-wall, for fermentation HRC 2 control: Cooling and heating circulator HA.1s.10: Lid Stand, for 51 and 101 HA.sfr.250: Sample flask rack, 250 ml bottles HA.ap: Air pump, 230v -with the following sensors: -pH, DO (Dissolved Oxygen), Temp., filling level, foam and conductivity. -timer, continuous and program operation -Tablet PC -touch screen -32 GB -Auto restart after power failure (yes) -Ethernet interface (yes) -Single use reactor interface (yes) -Thermostat interface (yes) -Ext. pump interface (yes) -Filter heater (yes), LED light panel, Stirring motor (yes), Calibration guide temperature (yes), Calibration guide pH (yes), Calibration guide pO2 (yes), pH - temperature Compensation (yes). -1 - 120min -Temperature control accuracy [°C] \$0.2 -Temperature measuring range [°C] 0 - 100 -Better (5 - 80 °C) -Temperature limit max. [°C] 110 -Adjustable safety circuit [°C] 0 - 110 -pH measuring range [pH] 0 - 14 -pH measurement resolution [pH] 0.01 -pH] \$0.02 -Connction for pO2 sensor (yes) - Peristaltic pump (yes) -Numbers of pump heads (4) -Pump head function Acid, Base, AntiFoam, Level -Number of pump tubes (4) -Number of pump rollers (4) -Flow rate min. [ml/min] 0.3 -Flow rate max. [ml/min] 270 -Pump Speed min. [rpm] 33 -Pump Speed max. [rpm] 400 -Tube material (Silicone) -USB interface (yes) -Voltage [V] 100 - 240 -Frequency [Hz] 50/60 -Power input [W] 300 -Power input max. [W] 1100 - Reactor (Fermenter) -Volume 101 -Type (double wall)	unit	1	3,950,000.00	3,950,000.00



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	-Multi use (yes), Autoclavable (yes) -Inner diameter (mm) 190 -Ratio = height / inner diameter 2.47 -suitable for fermentation applications and is used to monitor and control the bioprocess. Enables the measurement of the following parameters by means of sensors, pH, DO (dissolved oxygen) Temperature, filling level, foam. Other requirements: -2-year warranty for parts and services and 1 (one) time calibration and preventive maintenance 1-yr after delivery -with calibration/validation certificate from manufacturer -on-site training on basic operation and troubleshooting -compatible AVR and UPS -Cooling and heating circulator system, stand, double-walled glass vessel, motor, straight harvest pipe, Lid ports (Baffle) for inoculation, Ring sparger: Sparger pore size [um] 500, Condenser (yes), 6 blade impeller, temp. sensor, pH sensor, DO sensor, foam sensor, level sensor, cable and tube set, sample flask 5L(2pcs), IL (5pcs)					
106051400001-001-16	Technical and Scientific Equipment, Refrigerated Microcentrifuge Microfuge 20R Brand: Beckman Coulter Country Origin: US Designed to meet your application needs: nucleic acid and protein preparation; pelleting, extractions, purifications, concentrations, phase separations and receptor binding; and rapid sedimentation of protein precipitates, particulates and cell debris. -Microcentrifuge - 15,000 ?? -20,627 xg -To 99 min, 59 sec in one second increments or continuous (?0) -72 mL -From -10°C to +40°C in 1° increments -32 kg -<80% (non-condensing) -fixed-angle aluminum rotor -36 capacity -1.5/2.0 mL microcentrifuge tubes -Microfuge -general purpose fixed angle -IMIN 44, rMAX 80 -Ambient Temperature Range 5° to 35°C -Other Requirements: maintenance -2-yr warranty and 1 (one) time calibration/validation and preventive -with calibration/validation certificate from manufacturer -on-site training on basic operation and troubleshooting	unit	1	365,000.00	365,000.00	
Amount in Words	Four Million Three Hundred Fifteen Thousand Pesos And Zero Centavos					4,315,000.00



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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.						
Conforme:		Very truly yours,				
Rolen Ramirez		Eduardo Jimmy P. Quilang				
Signature over Printed Name of Supplier		Authorized Official				
October 1, 2024		9/23/24				
Date		Date				
Funds Available:	ORS No.		2024-09-09458			
MARYCHELLE B. SALVADOR	ORS Date		2024-09-16			
Supervising AO	AMOUNT		9/25/2024			
SEP 26 2024			4,315,000.00			
Date						