

PURCHASE ORDER
INDUSTRIAL TECHNOLOGY DEVELOPMENT INSTITUTE

Appendix 61

22-0417F

Supplier : ITS SCIENCE (PHILS.) INC.			P.O. No. : GIAE-PO-2022-01-0017		
Address : 3434-C, C. Raymundo Ave., Rosario, Pasig City			Date : January 14, 2022		
TIN :			Mode of Procurement : PB		
Gentlemen: Please furnish this Office the following articles subject to the terms and conditions contained herein:					
Place of Delivery : Metrology Building			Delivery Term : 60 CD		
Date of Delivery :			Payment Term :		
Stock/ Property No.	Unit	Description	Quantity	Unit Cost	Amount
	lot	Supply, Delivery, Installation and Commissioning of One (1) unit LYOPHILIZER BRAND: MARTIN CHRIST Model: ALPHA 2-4 LSC BASIC FREEZE DRYER/LYOPHILIZER PN: 102371 ALPHA 2-4 LSC BASIC, standard voltage 230V, 50 Hz., aircooled, cascaded refrigerators, CFC and H-CFC-free refrigerant, without vacuum pump, bench top unit, integrated support plate for direct mounting of acrylic chambers or accessories with a diameter of 300mm, stainless steel worktop, ice condenser and ice condenser chamber with drain valve for defrosted water, ice capacity max. 4 kg, ice condenser performance max. 4 kg / 24h, ice condenser temperature approx. -85°C, ice condenser chamber 6.5 litres, with hot gas defrosting, bertical lay-out, suitable for freeze drying in round flasks, wide neck filter bottles and/or on unheated shelves, also suitable as a cooling trap for rotational-vacuum-concentrators, equipped with microprocessor controller LSCbasic (Lyo-Screen-Control basic): VGA-TFT colour-Display, graphical user interface with touch screen, clearly arranged and "intuitive to use" - menu structures provide an optimum selection of different functions, multi language user interface, access-protection by password, survey of process data, vacuum in combination with vacuum measuring sensor VCP 63 Part No. 125478, Vacuum control possible in connection with pressure control valve Part No. 125910. @P835,000.00 Technical Specifications: Ice Condenser Capacity : max. 4 kg Ice condenser performance : max. 4 kg/24 h Ice condenser temperature : approx. -85°C Chamber volume : 6.5 li Chiller unit : 2 x 0.51kW Refrigerant : CFC-free Power Supply : 220V/60Hz	1	2,500,000.00	2,500,000.00

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Stock/ Property No.	Unit	Description	Quantity	Unit Cost	Amount
		Inclusions: PN: 120100-Special Voltage 208V/230V and 60Hz for freeze dryers of the Alpha-series (capacity 2 and 4 kg) and for all vacuum CERTI concentrators RVC @Php40,000.00 PN: 125488- Robust Vacuum Sensor VCP 63 MV with connection cable, centric and clamping rings with integrated electronics for use on Martin Christ freeze dryers with LSC basic control. Measuring method: Pirani, measuring range between 1000 0.001 mbar. @Php80,000.00 PN: 125388- Vacuum Pump Edwards RV8, 115-230V, 50-60Hz, incl exhaust filter with a suction capacity of 8.5 m³/h, (95 l/min) final vacuum 2 x 10⁻³ mbar/9Pa incl. small flange connections, vacuum hose part no. 125704 is required, with vacuum filter, with exhaust filter to separate oil mist @Php249,000.00 PN: 125704- Vacuum Hose including standard flange connections DN 25/25 ISO-KF for external connection of the vacuum pumps 125317 and 125318 @Php33,000.00 PN: 125910-Electromagnetic Pressure Control and Stop Valve incl. Std flange connections DN 25/25 ISO-KF and connection cable for connection into the suction pipe of the vacuum pump @Php60,000.00 PN: 120900 Base Plate for freeze dryers Alpha 1-4 and 2-4 LDplus/LSCbasic, Beta 1-8 and 2-8 LDplus/LSCbasic, for use external to the ice condenser chamber (double chamber) @Php40,000.00 PN: 120903-3 Shelves made of stainless steel, diameter 265 mm, unheated, distance between the shelves 79 mm, acrylic chamber part-no. 121500 or 121550 is required @Php30,000.00 PN: 121550- Acrylic Chamber, diameter 300 mm, internal height 295 mm, for accommodation of racks for shelves, with 12 connections for rubber valves. External dimensions: Ø 300 mm x 335 mm height @Php100,000.00 PN: 121860- Rubber Valve for connection of vessels with DIN internal grinding NS 29/32 or distributor Part No. 121870 @Php50,000.00			

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Stock/ Property No.	Unit	Description	Quantity	Unit Cost	Amount
		PN: 120959- Shelf with rim Ø250mm, unheated. Made of aluminum, for sealing device Part No. 121020 and 121021 @Php50,000.00 PN: 121870- Distributor with 15 Connections for Ampoules for connection to manifold part no. 121226 and 121224 and to acrylic chambers in combination with rubber valve Part No. 121860 @Php35,000.00 PN: 121892 - Retain Filter with Fine Strainer, 12 pcs Stainless steel for substances containing solvents, for putting into rubber valves no. 121861, prevents transports of small particles to the ice condenser @Php50,000.00 PN: 127410-Wide Neck Filter Bottle 300 ml, complete, 6 pcs @Php50,000.00 PN: 127415-Wide Neck Filter, 600ml, 6pcs. @Php60,000.00 PN: 121537- Stainless Steel Chamber diameter 300, mm inner height 295 mm, including provided adaptor ring. Usable only in connection with glass lid 121411. Outer dimensions: Ø 300 mm x 295 mm height. Weight: 5,4 kg @Php100,000.00 PN: 121411-Cover made of safety glass, resistant against solvents, diameter 300 mm, with central stainless steel DIN-internal grinding NS 45/40, Incl. stopper NS 45/40 @Php50,000.00 PN: 121535- Connection Ring for stainless steel chamber 12 connections for rubber valves, including adaptor ring, diameter 300 mm. For connection of vessels with inner grinding NS29/32. Usable only in connection with glass lid no. 121411 and chamber 121537 and 121538. Outer dimensions: Ø 300 mm x 55 mm height. Weight: 2 kg @Php80,000.00 PN: 121020- Sealing Device with one shelf with rim, made of aluminium, diameter 250 mm, without temperature control, capable with shelf part no. 120959 to max. 2 shelves @Php180,000.00 PN: 127505 - Ampoules with long neck 5 ml, diameter 12 mm, length 156 mm, 100 Pieces @Php20,000.00 PN: 127695- Ampoule Tipping Torch, 2-flame @Php60,000.00			

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Stock/ Property No.	Unit	Description	Quantity	Unit Cost	Amount
		PN: 127582- Injection Bottle 20 R, DIN ISO 8362-1, pack with 99 pieces, quantity may vary @Php20,000.00			
		PN: 127651- Serrated rubber stoppers, 100 pieces, for Part No. 127582 @Php18,000.00			
		PN: 127671- Hand Crimper for Part No. 127582 @Php47,000.00			
		PN: 127681- Decrimper for Part No. 127582 @Php48,000.00			
		AVR @Php40,000.00			
		Training @Php10,000.00			
		Installation @Php15,000.00			
		Warranty: Two (2) years on parts and services, with additional Two (2) years Preventive Maintenance @Php50,000.00			
END USER:		 JOHN PAULO G. JOSE	Less: VAT EWT	111,607.14, 22,321.43	2,500,000.00 133,928.57 2,366,071.43
(Total Amount in TWO MILLION THREE HUNDRED SIXTY SIX THOUSAND SEVENTY ONE PESOS and 43/100)					
IN CASE OF DELAY IN DELIVERY OF THE GOODS, A PENALTY OF ONE PERCENT (1%) OF THE CONTRACT PRICE SHALL BE IMPOSED ON THE UNDELIVERED ITEM/S. Conforme:  Wida Gerlyn L. Murgas Signature over Printed Name of Supplier 11 March 2022 Date Very truly yours,  ANNABELLE V. BRIONES, PhD Signature over Printed Name of Authorized Director Designation					
Fund Cluster: <u>Travel Fund</u> VIP Project 5: Development of a Real-Time Polymerase Chain Reaction for Funds Available: <u>2,500,000.00</u>  SOLEDAD S. REYES Signature over Printed Name of Chief Accountant/Head of Accounting Division/Unit			ORS/BURS No.: <u>FF-60-2022020116</u> Date of the ORS/BURS: _____ Amount: <u>2,500,000.00</u>		

402/16/22