

Purchase Order
INDUSTRIAL TECHNOLOGY DEVELOPMENT INSTITUTE

M. 58 TF

Supplier :	CAS COLOR APPLICATION SPECIALIST	P.O. No. :	GIAE-PO-2023-06-0547 (EBD)
Address :	1213 Entrada Urban Complex Condominium 2609 Civic Drive Filinvest City, Alabang, Muntinlupa City	Date :	June 06, 2023
TIN :		Mode of Procurement :	PB

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

Place of Delivery :	ENVIRONMENT AND BIOTECHNOLOGY DIVISION	Delivery Term :	120 CD
Date of Delivery :		Payment Term :	

Stock/ Property No.	Unit	Particulars	Quantity	Unit Cost	Amount
		<p>Supply, Delivery, Installatin and Commissioning of One (1) unit Fast Protein Liquid Chromatography</p> <p>Brand: CYTIVA Model: AKTA PURE- Fast Protein Purification System / Pure Chromatography System Flexible and intuitive system for fast purification of proteins, peptides, and nucleic acid from microgram to gram levels of target product Application supported: Affinity chromatography, size exclusion chromatography (SEC, also known as gel filtration) ion exchange chromatography, hydrophobic interaction chromatography, and reversed phase chromatography. Depth: 470 mm Height: 630 mm Width: 535 mm System Pump. Pump type: Piston Pump, metering type. Flow rate: 0.001 to 25 mL/min Accuracy: at least $\pm 1.2\%$ Precision: RSD < 0.5% Pressure range: 0 to 20MPa Viscosity range: 0.35 to 10 cP Sample Pump, Pump type: Piston type, metering type. Flow rate: 0.001 to 50 mL/min Accuracy: $\pm 2\%$ Precision: RSD < 0.5% Pressure range: 0 to 10 MPa Viscosity range: 0.7 to 10 cP Pump type: Piston, metering type Purification: available multi-step option Mixer- Mixing principle: Chamber with a magnetic stirrer Max. mixer volume: 5 mL Gradient flow range: 0.1 to 25 mL/min Gradient composition accuracy: $\pm 0.6\%$ (conditions 5 to 95% B, 0.6 to 25 mL/min, 0.2 to 2 MPa, 0.8 to 2 cP Buffer selection: upgradeable up to 14 injections Multiple sample injection: upgradeable up to 5 sample UV Monitor: U9 Series Wavelength detection: in step 1 nm up to 3 simultaneous wave length Wave length 280 nm (fixed U9-L and U9-T): 190-700 nm: In step of 1 nm (U9-M) Resolution: 0.001 mAU $\pm 2\%$ within 0-2 AU < 0.08 mAU (U9-M) 2mm. Options: optical path length 5 mm (U9-T), 10 mm (U9-M). pH monitoring: V9-PH pH stability: 0.1 pH unit within pH 2 to 12 0.1 pH unit V9-PH Conductivity range: 0.01 mS/cm to 999.99 mS/cm Conductivity Accuracy: 0.01 mS/cm or $\pm 2\%$, whichever is greater (within 0.3 to 300 mS/cm Temperature monitor range: 0°C to 99°C</p>			7,998,000.00

6/23/2023

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Appendix G1

29. 588 H

Supplier: CAS COLOR APPLICATION SPECIALIST	P.O. No.: GIAE-PO-2023-06-0547 (EBD)
Address: 1213 Entrata Urban Complex Condominium 2609 Civic Drive Fillinvest City, Alabang, Muntinlupa City	Date: June 06, 2023
TIN:	Mode of Procurement: PB

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Date of Delivery:	Payment Term:

Stock/Property No.	Unit	Particulars	Quantity	Unit Cost	Amount
		Temperature monitor accuracy: ±1.5°C within 4°C to 45°C Fraction Collector F9-R Up to 175 per fraction collector Fraction volume rang: 0.01 to 50ml Valves Type: Rotary Number of valves: Up to 12 Inclusion: inlet valves, outlet valves, position valve Inlet valve kit inclusions: FEP tubing ID 1.6mm Connector 5/16" male for 1/8" OD tubing yellow ferrule Outlet valve kit inclusions ETFE Tubing ID 1.0 mm Finger tight connectors 1/16" Sample inlet valves kit inclusions FEP Tubing ID 1.6 mm Connector 5/16" male for 1/8" OD tubing yellow ferrule Sample loop 1 Sample loop 500 µl (inc. with all system) 1 Sample loop- 1 mL See attached safety certifications Software: CYTIVA UNICORN software for AKTA Ease-of-use the intuitive user interface can simplify evaluation and control through the interactive process picture Flexibility: Can adjust the system and software to fit your needs by adding more features and modifying methods Efficiency: can share methods and results, and access system remotely Data security: can keep data secure through robust database handling/ Performance: enables quick comparison of key parameters from high through put rapid cycling or column chromatography data (up to 200 chromatograms) with a few clicks Desktop Brand: HP, Model: Elite desk 800 G5 Intel Core i5 Processor, 16 GB System Memory, 256GB SSD, DVD RW, Optical USB Mouse, 2 serial ports, 2 ethernet, Pre-installed Windows Pro (64-bit), Pre-installed licensed Microsoft Office for Business, 21.5" LED monitor (brand: HP, Model: Elite Display E223) with (1) HDMI port and (1) VGA port, cables and keyboard Printer Brand: HP, Model: HP Color Laser Jet Pro M254Nw Laser jet printer- M254Nw UPS (Brand: SECURE Model: 3000VA), AVR (Brand: STAVOL Model: ST-3000VA) Delivery and Installation: 120 calendar days upon receipt for order; with on-site equipment demo/testing and training upon delivery Warranty: Three (3) years warranty. See attached warranty certificate Preventive Maintenance and Calibration service. Three (3) years period. See attached aftersales service certificate			
					7,998,000.00
			Less: VAT	357,053.57	
			EWT	71,410.71	428,464.28
			TOTAL:		7,569,535.72
END USER:	VALENE RAY REMOROSA ABLANG 06/08/23				

(Total Amount in Words): Seven Million Five Hundred Sixty Nine Thousand Five Hundred Thirty Five Pesos & 72/100

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.

Conforms:	Signature over Printed Name of Supplier FERNAN C. TAPE 06/23/2023	Very truly yours,	Signature over Printed Name of Authorized Official DR. ANNABELLE V. BRIONES Director
Fund Cluster:	TF- DOST-171A P. 7,998,000.00	ORIS/BURS No.:	P. 2023061522 465
Funds Available:	VIP PROJECT 2 June 21, 2023	Date of the ORS/BURS:	7,998,000.00
	Signature over Printed Name of Chief Accountant/Head of Accounting Division/Unit Accountant II PATRICIA ASHLEY M. MENDOZA	Amount:	