

PURCHASE ORDER
INDUSTRIAL TECHNOLOGY DEVELOPMENT INSTITUTE

23-1291 JF

<p>Supplier : INSTRUMIX SUPPLIER, INC.</p> <p>Address : Unit 433/434 Cityland Pasong Tamo Tower, 2210 Don Chino Roces Avenue, Makati City</p> <p>TIN :</p> <p>Gentlemen: Please furnish this Office the following articles subject to the terms and conditions contained herein:</p>		<p align="center">P.O. No. : GIAE-PO-2023-11-1378 (CED)</p> <p>Date : November 7, 2023</p> <p>Mode of Procurement : Public Bidding</p>	
CED Building			
Place of Delivery :			
Date of Delivery :			
Stock/ Property No.	Unit	Description	Quantity
	lot	<p>Supply, Delivery, and Installation and Commissioning of One (1) unit High Performance Liquid Chromatography (HPLC)</p> <p>Shimadzu High Performance Liquid Chromatography Model: LC-2050C (PDA model) General Description:</p> <ul style="list-style-type: none"> > Size: Table-top type > Electrical: readily operational under local electrical settings (220 V; 60 Hz) > Interface: easy to use and is optimally suited to control the pump digitally > Material: made of durable chemical-resistant material (s) > Auto Shutdown Function Reduces Power Consumption <p>After analysis is complete, the auto shutdown function minimizes power consumption in standby mode and can reduce power consumption by at least 95% compared to normal standby mode.</p> <ul style="list-style-type: none"> > Compact Footprint <p>The 1-Series brings together all the functions required for LC analysis in an integrated form. Displays Chromatogram in Real Time</p> <p>The chromatogram real-time monitor allows the user to immediately confirm the success or failure of data, even in a computer-less laboratory environment.</p> <ul style="list-style-type: none"> > Refined Usability <p>Control panel with a color LCD touch panel allows anyone to operate the instrument, regardless of experience level. Easily and reliably perform routine maintenance following on-screen instructions.</p>	1
			Unit Cost
			Amount
			3,124,000.00
		Delivery Term : 90 calendar days	
		Payment Term :	

PURCHASE ORDER
INDUSTRIAL TECHNOLOGY DEVELOPMENT INSTITUTE

Supplier : INSTRUMIX SUPPLIER, INC. Address : Unit 433/434 Cityland Pasong Tamo Tower, 2210 Don Chino Roces Avenue, Makati City TIN : Gentlemen:		P.O. No. : GIAE-PO-2023-11-1378 (CED) Date : November 7, 2023 Mode of Procurement : Public Bidding			
Please furnish this Office the following articles subject to the terms and conditions contained herein:					
CED Building					
Place of Delivery : Date of Delivery :		Delivery Term : 90 calendar days Payment Term :			
Stock/ Property No.	Unit	Description	Quantity	Unit Cost	Amount
		<p>> System Monitoring via Smart Devices System status and chromatograms can be viewed remotely from smart devices and home computers. Situations can be checked without needing to visit the laboratory.</p> <p>> Open Access Sample Placement A direct access mechanism on sample racks allows the user to place the sample on racks that are not involved in sample injection even during analysis. Furthermore, racks can be shared by multiple analysts, without interrupting the analysis of samples placed by others. Overall, this function enhances work efficiency.</p> <p>Flow Pilot The i-Series auto-startup and mobile phase flowrate control function (FlowPilot) can start instruments automatically without burdening the instrument or consumables. This prevents system breakdown and reduces operational cost, while providing highly reliable data over extended period of time.</p> <p>> Maintenance Videos Reading a QR Code® shown on the touch panel directs the user to a website with instructional videos on maintenance. This feature helps improve system availability and increases efficiency.</p> <p>> Auto-Validation Function An auto-validation function means anyone can follow a set procedures and verify the instrument condition easily. The auto-validation function examines solvent delivery stability, wavelength accuracy, absorbance accuracy, gradient accuracy, the presence of any drift/noise, and other parameters. Also, an instrument check function automatically carries out the routine inspections performed before instrument operation and creates a report showing system</p>			

PURCHASE ORDER
INDUSTRIAL TECHNOLOGY DEVELOPMENT INSTITUTE

Supplier : Unit 433/434 Cityland Pasong Tamo Tower, 2210 Don Chino Roces Avenue, Makati City TIN :		INSTRUMIX SUPPLIER, INC. P.O. No. : Date : Mode of Procurement :		GIAE-PO-2023-11-1378 (CED) November 7, 2023 Public Bidding	
Gentlemen: Please furnish this Office the following articles subject to the terms and conditions contained herein:					
Place of Delivery : Date of Delivery :					
CED Building Delivery Term : 90 calendar days Payment Term :					
Stock/ Property No.	Unit	Description	Quantity	Unit Cost	Amount
		self-diagnostic results along with a record of consumables usage, including total solvent volume delivered by the delivery pump, total number of injections performed by the autosampler, and the number of hours the lamp has been illuminated. Pump Degassing unit: Five Lines: Mobile phase 4 + Rinse solution 1 (Volume 400 µL) Pumping method: Parallel-type double plunger Pulsation: ≤0.1 Mpa (1.0 mL/min, 10MPa, Water) Flow rate setting range: 0.0001 to 10 mL/min Flow rate accuracy: ≤ ±1% or ≤ ±2 µL/min (0.01 to 2 mL/min) ≤ ±2% (2 to 5mL/min) Flow rate precision: < 0.06 %RSD or < 0.02 minSD Configuration: Four-solvent low-pressure gradient Gradient/range of Set concentrations: 0 to 100%, in 0.1% steps Gradient Concentration accuracy: ±0.5% (0.1 to 2mL/min, 1 to 20 Mpa) Gradient Concentration precision: ±0.1% (1 mL/min, 10 MPa) Maximum pressure: 50 Mpa (0.0001 to 5 mL/min) 22 Mpa (5.0001 to 10 mL/min) System Delay Volume: 650 µL Autosampler Injection method: Total-volume sample injection Injection volume accuracy: ±1% (50µL, N=10) Injection volume setting range: 0.1 to 100 µL			

PURCHASE ORDER
INDUSTRIAL TECHNOLOGY DEVELOPMENT INSTITUTE

Supplier : Unit 433/434 Cityland Pasong Tamo Tower, 2210 Don Chino Roces Avenue, Makati City		P.O. No. : GIAE-PO-2023-11-1378 (CED)	
Address : Unit 433/434 Cityland Pasong Tamo Tower, 2210 Don Chino Roces Avenue, Makati City		Date : November 7, 2023	
TIN : Gentilemen:		Mode of Procurement : Public Bidding	
Please furnish this Office the following articles subject to the terms and conditions contained herein:			
CED Building			
Place of Delivery : Date of Delivery :	Unit	Description	Quantity
Stock/ Property No.		Injection volume reproducibility: RSD < 0.20% (5.0 -2000 µL) RSD <0.25% (2.0-4.9 µL) RSD < 0.5% (1.0-1.9 µL) RSD <1.0% (0.5-0.9 µL) Cross-contamination: 0.0025% (Caffeine) Injection cycle time: Min. 14 sec Samples for processing: 336 (1 mL), 216 (1.5 mL), 112 (4 mL), 4 (MTP/DWP) Sample cooler: 4 to 45°C (Room temperature needs to be 30°C lower and the humidity 70% or less to go down to 4°C. Room temperature needs to be 15°C or higher to go up to 45°C). Injection linearity: >0.9999 (1 to 100 µL)	Unit Cost
		Column Oven Heating and cooling method: Forced air circulation method Containable column size: 6 pieces at 10 cm max, 3 pieces at 10 to 30 cm Temperature control range: Room temperature - 12 to 90°C, Setting range 4 to 90°C Temperature control precision: ±0.1°C Temperature stability: ±0.8°C Flow rate switching valve: Max. 1 pc	
		PDA Detector Wavelength range: 190 to 800 nm Spectral resolution: 1.4 nm Slit width: 1.2 nm, 8 nm Device resolution: 0.6 nm/pixel Number of photodiode array elements: 1024 Wavelength accuracy: ≤±1 nm Wavelength precision: ≤ ±0.1 nm Noise Level: ≤±3 x 10 ⁻⁶ AU Drift: ≤ 500 x 10 ⁻⁶ AU/h Linearity: Up to 2 AU (5%) Sampling rate: Up to 100 Hz Light source: Deuterium (D2) lamp (Standard)	

PURCHASE ORDER
INDUSTRIAL TECHNOLOGY DEVELOPMENT INSTITUTE

Supplier: Unit 433/434 Cityland Pasong Tamo Tower, 2210 Don Chino Roces Avenue, Makati City Address : P.O. No. : GIAE-PO-2023-11-1378 (CED) Date : November 7, 2023 Mode of Procurement : Public Bidding Date : Mode of Procurement : Public Bidding			
Gentlemen: Please furnish this Office the following articles subject to the terms and conditions contained herein: Place of Delivery : CED Building Date of Delivery :			
Stock/ Property No.	Unit	Description	Amount
		Availability of spare parts: Spare parts available for seven (7) years after discontinuation of the model Installation and Commissioning: Include Installation and Commissioning On-site Training: Operational training: training on operation, data analysis, troubleshooting with the assigned application chemist to the personnel Other: Ready serviceable for two (2) years in case of breakdown.	3,124,000.00 167,357.15, 83
		Less: VAT 139,464.29 EWT 27,892.86	2,956,642.85
		Total END USER: RIKKAMAE ZINCA MARIE L. WALDE	2,956,642.85
(Total Amount in Words) <u>two million nine hundred fifty-six thousand six hundred forty-two pesos and 83 centavos</u> Conforms: <u>Donald Rivera</u> Signature over Printed Name of Supplier: <u>Donald Rivera</u> Date: <u>November 22, 2023</u> Very truly yours, Signature over Printed Name of Authorized Official: <u>DR. ANNABELLE V. BRIONES</u> Designation: <u>Director</u>			
Fund Cluster : <u>Innovative Approach in Delivering Strategic Acid using Metal Organic Framework as Drug Carrier</u>		ORS/BURS No. : <u>IPCO 2023 112076</u>	
Funds Available : <u>Approved NOV 21, 2023</u> Signature over Printed Name of Chief Accountant/Head of Accounting Division/Unit: <u>PATRICIA ASHLEY M. MENDOZA</u>		Date of the ORS/BURS: _____ Amount : <u>3,124,000.00</u>	