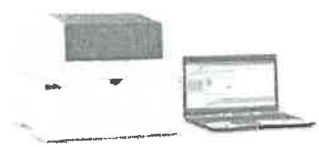


**PURCHASE ORDER**  
INDUSTRIAL TECHNOLOGY DEVELOPMENT INSTITUTE

Supplier : ITS Science Phils., Inc.	P.O. No. : GIAE-PO-2022-06-0648
Address : 3434-C RAYMUNDO AVE., ROSARIO, PASIG CITY	Date : JUNE 24, 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
1	unit	<p><b>SUPPLY, DELIVERY, INSTALLATION AND COMMISSIONING OF ONE (1) SET AUTOMATED ELECTROPHORESIS SYSTEM</b></p> <p><b>Brand: Agilent</b> <b>Model: 4200TapeStation System</b> (Includes 4200 TapeStation instrument, laptop with TapeStation software, vortexer, accessories, consumables, and user information) <b>PN: G2991BA</b> <b>Origin: USA</b></p>  <p><b>4200 TapeStation System</b></p> <p>The Agilent 4200 TapeStation system is an established automated electrophoresis tool for DNA and RNA sample quality control. Fully automated sample processing enables the unattended analysis of size, concentration and integrity. Choose any sample number between 1 and 96 and analyze at constant cost per sample.</p> <p>The TapeStation system provides a complete solution for true end-to-end sample quality control within any next-generation sequencing (NGS) or Biobank workflow. This covers the full DNA and RNA range and offers high levels of flexibility in a simplified workflow with ready-to-use ScreenTapes.</p> <p><b>Features</b></p> <p>Simplify your workflow with fully automated sample processing and ready-to-use ScreenTape technology. Any sample number between 1 and 96 can be analyzed, with constant costs per sample providing scalable throughput.</p> <p>Easily switch between DNA and RNA ScreenTape assays for excellent flexibility.</p> <p>Results are obtained quickly in as little as 1 to 2 minutes per sample, or less than 90 minutes for 96 samples.</p> <p>Achieve user-independent results with minimal manual intervention and excellent reproducibility for sizing, concentration and integrity assessment.</p>		4,000,000.00	4,000,000.00

**EMAILED**

Recipient: \_\_\_\_\_  
Date: 7-14-22 Time: \_\_\_\_\_

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		<p>Requires as little as 1 to 2 <math>\mu</math>L of DNA or RNA samples, even for high sensitivity analysis. Rely on the integrity standards for RNA (RNA integrity number equivalent, RINe) and genomic DNA (DNA Integrity Number, DIN). Carryover is eliminated as the ScreenTape device analyzes each sample in a separate lane with individual loading tips for each. Easy self-maintenance tasks guarantee lowest cost of ownership and maximize instrument uptime and productivity.</p> <p><b>Specifications</b></p> <table border="1"> <tr><td>Depth</td><td>510 mm</td></tr> <tr><td>Dimensions (WxDxH)</td><td>435 mm x 510 mm x 445 mm</td></tr> <tr><td>Height</td><td>445 mm</td></tr> <tr><td>Line Frequency</td><td>50-60 Hz</td></tr> <tr><td>Line Voltage</td><td>100-240 VAC</td></tr> <tr><td>Number of Samples per Run</td><td>Any number between 1-96</td></tr> <tr><td>Power Consumption</td><td>50 VA</td></tr> <tr><td>Weight</td><td>25.5 kg</td></tr> <tr><td>Width</td><td>435 mm</td></tr> </table> <p><b>Includes:</b></p> <p><b>1.) Laptop with automated electrophoresis system software</b></p> <ul style="list-style-type: none"> <li>- CPU: 11th Generation Intel(R) Core(TM) i5-11320H Processor (8MB Cache, up to 4.5GHz)</li> <li>- Storage: 512GB M.2 PCIe NVMe Solid State Drive</li> <li>- RAM: 8GB, 2x4GB, DDR4, 3200MHz</li> <li>- Graphics: Intel(R) Iris(R) Xe Graphics with shared graphics memory</li> <li>- Screen: 14.0-inch FHD (1920 x 1080) Anti-glare LED Backlight</li> <li>Non-Touch Narrow Border WVA Display</li> </ul>	Depth	510 mm	Dimensions (WxDxH)	435 mm x 510 mm x 445 mm	Height	445 mm	Line Frequency	50-60 Hz	Line Voltage	100-240 VAC	Number of Samples per Run	Any number between 1-96	Power Consumption	50 VA	Weight	25.5 kg	Width	435 mm			
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Power Consumption	50 VA																						
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Width	435 mm																						

22. 6/24/22

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Date of Delivery :	Payment Term :

Stock/ Property No.	Unit	Description	Quantity	Unit Cost	Amount
		<ul style="list-style-type: none"> <li>- Keyboard: English International Backlit Keyboard / Fingerprint Reader</li> <li>- Wireless: Intel(R) Wi-Fi 6 2x2 (Gig+) and Bluetooth 5.1</li> <li>- Battery: 65 Watt AC Adapter / 4-Cell Battery, 54 Whr (Integrated)</li> <li>- OS: Windows 11 Home Single Language English</li> <li>- OPI: w/ Microsoft Home &amp; Student 2021</li> <li>- Antivirus: McAfee(R) Security Center 12 month</li> <li>- CarryCase: Essential Backpack 15</li> </ul> <p><b>2.) Vortexer</b> Speed range: 200 to 3000 rpm Precise speed control: preferably ± 3-5% rpm Time set: Preferably up to 99 minutes Load Bearing Capacity: up to 0.5 kg Platform Material: Preferably Rubber and/or Plastic Electrical Requirements: 220-240V; 50/60 Hz; AC 100V With holder for 0.2 mL 8-tube PCR strips or 96-well microplate</p> <p><b>3.) UPS, 3kVA, 1 pc</b></p> <p><b>sumables</b></p> <ul style="list-style-type: none"> <li><b>a.) RNA ScreenTape, 3 pcs</b> PN: 5067-5576</li> <li><b>b.) RNA ScreenTape, ladder, 3 pcs</b> PN: 5067-5578</li> <li><b>c.) RNA, ScreenTape, sample buffer, 3 pcs</b> PN: 5067-5577</li> <li><b>d.) High Sensitivity RNA ScreenTape, 3 pcs</b> PN: 5067-5579</li> <li><b>e.) High Sensitivity RNA ScreenTape Sample Buffer, 3 pcs</b> PN: 5067-5580</li> <li><b>f.) High Sensitivity RNA ScreenTape Ladder, 3 pcs</b> PN: 5067-5582</li> </ul>			

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Place of Delivery : Metrology Building	Delivery Term : 60 CD
Date of Delivery :	Payment Term :

Stock/ Property No.	Unit	Description	Quantity	Unit Cost	Amount
		g.) D1000 ScreenTape, 2 pcs PN: 5067-5582			
		h.) D1000 Reagents, 2 pcs PN: 5067-5583			
		i.) D1000 Ladder, 2 pcs PN: 5067-5586			
		j.) D1000 Sample Buffer, 2 pcs PN: 5067-5602			
		k.) D5000 ScreenTape, 2 pcs PN: 5067-5588			
		l.) D5000 Reagents, 2 pcs PN: 5067-5589			
		m.) D5000 Ladder, 2 pcs PN: 5067-5590			
		n.) Genomic DNA Reagent, 2 pcs PN: 5067-5366			
		o.) Genomic DNA ScreenTape, 2 pcs PN: 5067-5365			
		p.) Loading tips (10 each/pack) PN: 5067-5152			
		q.) Optical tube strips, (8x strip) For use with Agilent TapeStation systems, 1 box of 120, 10 boxes PN: 401428			
		r.) Optical tube strip caps, (8x strip) For use with Agilent TapeStation systems, (1 box of 120), 10 boxes PN: 401425			

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Address : 3434-C RAYMUNDO AVE., ROSARIO, PASIG CITY	Date : JUNE 24, 2022
TIN :	Mode of Procurement : PB

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Place of Delivery : Metrology Building	Delivery Term : 60 CD
Date of Delivery :	Payment Term :

Warranty: One (1) year warranty on parts and services.

END USER:  IAN JOHN L. CASTRO	Less: VAT	178,571.43	
	EWT	35,714.29	214,285.72
			3,785,714.29

(Total Amount in Words) Three million seven hundred eighty five thousand, seven hundred fourteen pesos and 29/100 only.

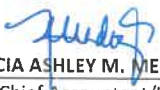
In case of failure to make the full delivery within the time specified above, a penalty of one-tenth (1/10) of one percent for every day of delay shall be imposed on the undelivered item/s.

Conforme:

  
 Vida Gerilyn L. Margallo  
 Signature over Printed Name of Supplier  
 July 14, 2022  
 Date

Very truly yours,

  
 ANNABELLE V. BRIONES, PhD  
 Signature over Printed Name of Authorized Official  
 Director  
 Designation

Fund Cluster : _____ Project 4. "De Novo Synthesis of Non-Infective Zika Pseudovirus as Reference for Diagnostics and Vaccines Development"	ORS/BURS No. : TFCO 2022-06-003
Funds Available : _____  PATRICIA ASHLEY M. MENDOZA Signature over Printed Name of Chief Accountant/Head of Accounting Division/Unit	Date of the ORS/BURS: _____ Amount : ₱ 4,000,000.-

09/1/22

h2ln