

PURCHASE ORDER
PHILIPPINE TEXTILE RESEARCH INSTITUTE
Agency / Procuring Entity

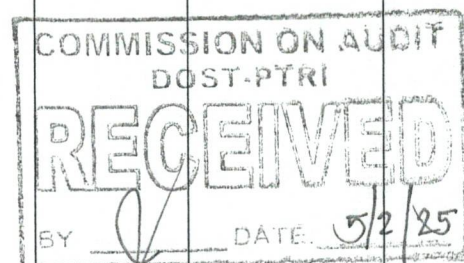
Supplier :	EPIC INDUSTRIAL SALES CORP.	PO No. :	2504-0139
Address :	No. 6 Austin St., Dona Manuela 1 Subd., Pampalona 3, Las Piñas City 1740	Date :	04/10/25
e-mail Ad :	epicorp@outlook.com	Mode of Procurement :	Public Bidding RA 9184
Tel. No. :	8874-0541 / 8986-8447 / 0919-400-8315 / Fax. 8874-0540	PR No. :	2409/0867 09/12/24

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

Place of Delivery: Room 306, PTRI Bldg., Bicutan, Taguig City Delivery Term: 90 days upon receipt of approved NTP

Date of Delivery: Payment Term: 30 days

Stock No	Unit	Description	Qty	Unit Cost	Amount
	lot	Nanofibrelabs Model E04-001 Multifunctional Electrospinning Machine A. Dual High Voltage Power Supply - Output Voltage 1 DC: 0 ~ positive 30kV, Current ≤ 1mA - Output Voltage 2 DC: 0 ~ negative 30kV, Current ≤ 1mA B. Liquid Supply Pump System - Two built-in syringe pumps, which are one-push three (three-channel) syringe pumps, which can be independently controlled - Automatic liquid supply speed range: 0.01 ~ 600 mL/h - Manual liquid supply speed range: 0.1 ~ 100mL/min - Applicable syringe specifications: 1, 3, 5, 10, 20 mL C. Electrospinning Nozzles - Equipped with 2x8 needle array spinneret (single flow channel) or - Equipped with 2x4 needle array spinneret (dual flow channel) or - Equipped with microsphere needle, side-by-side nozzle and two-layer coaxial nozzle, or equivalent in which nanofibers/particles with different structures can be prepared D. Collector - Roller collector: effective width 400mm, diameter Ø160mm - Roller speed: 100 ~ 2000r/min adjustable - Flat collector: L-shaped 400x250mm, preparation of two nanofiber membranes simultaneously to improve spinning efficiency - Parallel electrode collector: adjustable spacing from 0~100 mm, preparation of aligned fibers - Cage collector: outer diameter 80mm, tube diameter 8mm, preparation of aligned fibers - Tube collector: one tube for each size Φ2~Φ8 mm, preparation of tubular scaffold E. X-Y-Z Three-axis Motion System - Adjustable at an angle for the conjugate spinning module - X-axis manual displacement spinning stroke range: 50 ~ 300 mm - Y-axis automatic motion platform: reciprocating stroke 400mm; positioning accuracy ≤ 0.03mm - Z-axis manual lifting: 0~100 mmadjustable - Equipped with a two-layer coaxial nozzle to prepare hollow, coaxial, core-shell and other nanofibers	1	3,998,400.00	3,998,400.00



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		F. Environmental Control System - Temperature controllable: room temperature ~ 60°C adjustable, accuracy ± 1°C - Humidity controllable: 30% ~ room humidity adjustable, accuracy ±3%RH, control time ≤15min - Exhaust: The exhaust time can be set to be timed G. Touch Screen CNC System - Touch screen control function: integrated control (nozzle movement device, liquid supply system, temperature, and humidity system, exhaust gas function, timing function, UV lamp) and monitoring the running state of each function - Control parameter settings (manual speed settings, automatic movement speed settings, height adjustment settings, return to zero, custom track settings, and related control buttons) - Real-time parameter monitoring - Parameter record H. Lenovo Legion Slim 716IRH8 Laptop - Processor: Intel® Core i9 - Graphics: NVIDIA 4070 - Memory: 32GB - Storage: 1TB SSD - Display: 16" 3.2k - Operating System: Windows 11 - Slim type factor laptop - Accessories: Logitech Zone 300 Chargeable Wireless Headset with Mic, Cooler Master MM712 Wireless Mouse - Included one (1) year warranty with manufacturer I. 2 units all in One Desktop Lenovo IdeaCentre AIO 24IRH9 - Processor: Intel i713th Gen - Graphics: Intel UHD 770 - Memory: 16GB RAM - Storage: 1TB SSD - Display: 23.8" FHD - Operating System: Windows 11 - Software: Office Home & Business 2021 - Accessories: Logitech Zone 300 Chargeable Wireless Headset with Mic, Cooler Master MM712 Wireless Mouse, Logitech Brio 100 Full HD Webcam			

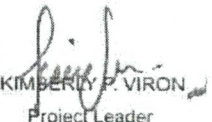
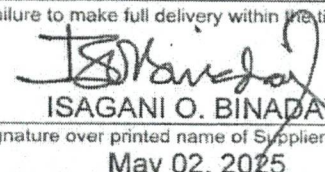
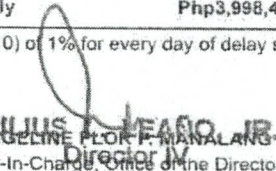
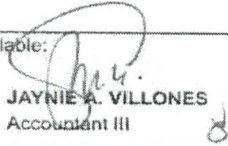
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Stock No	Unit	Description	Qty	Unit Cost	Amount
		<ul style="list-style-type: none"> - UPS: APC Back-Ups BVX650I-PH - Output Voltage: 220V AC - Capacity VA/Wattage: 650VA/350Watts - Includes one (1) year warranty with manufacturer J. Security System <ul style="list-style-type: none"> - Discharge short circuit protection - Running indicator light - Safety signs and automatic alarms for unsafe operation - Leakage protection - Organic waste gas emission: avoid electric shock, fire, explosion, and other accidents caused by charge accumulation, and avoid leakage of organic waste gas to not affect health - Be able to access inert gas and its control functions - Factory remote access to device functions worry-free after-sales, users can choose to turn it on or off - Users can choose whether to use the function of opening the door and breaking the high voltage - Machine Rated Power: 4KW - Rated Voltage: 220VAC 60Hz Single Phase - Machine Dimensions and Weight: <ul style="list-style-type: none"> - Overall Size: 1100mmL x 1000mmW x 1350mmH - Net Weight: Approx. 260kg K. Nano-Yarn Spinning Device <ul style="list-style-type: none"> - Collection winding device: 0.05-300r/min - Winding speed: 0.05-300r/min - Includes at least one (1) year warranty with manufacturer L. Requirements for A-K <ol style="list-style-type: none"> 1. already submitted Original equipment brochure (the picture matches the description) 2. Operation and/or Service Manuals in English 3. Calibration Certificate for on-site Calibration 4. Installation (both hardware and software), testing, and commissioning and on-site training on operation, maintenance, and troubleshooting (with training certificates). Installation includes, but is not limited to, provision of power cable to power source. 5. Advance training for at least 2 PTRI testing staff at the manufacturer's training site (with provisions for accommodations and airfare, if not local) 			

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		6. Hauling and delivery from port to worksite in DOST-PTRI including, but not limited to, unloading and lifting 7. One-year warrant on parts and services from dates of installation and acceptance 8. On-call after-sales service by trained technician (attached training certificate) for two years free of charge 9. Preventive maintenance service for both hardware and software for 1 year free of charge 10. Equipment operational controls must be in English (as shown in the picture of the equipment from the brochure). 11. Equipment must be part of the regular fleet of the manufacturer and must have been sold by the manufacturer within the past 2 years with no modifications expect for the power supply 12. Actual equipment inspection and testing or presentation of equipment operation video prior to awarding of the contract 13. A USB flash drive containing the video file showing the equipment to be offered including the specific brand and model must be submitted as part of the bid documents. The video must contain product features, operational demo, or other related clips that will attest to the existence of the product being offered by the manufacturer			

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Date of Delivery:			Payment Term: 30 days		
Stock No	Unit	Description	Qty	Unit Cost	Amount
		M. Delivery Terms - Delivery Period: 90 days upon receipt of approved NTP - Inclusive of installation and commissioning & training with provision of training certificates - Inclusive of VAT and other applicable taxes - Inclusive of delivery to DOST-PTRI, General Santos Avenue, Bicutan, Taguig City <div style="text-align: center;">  KIMBERLY P. VIRON Project Leader </div> Fund Source: <u>DOST-GIA: BioMedTex 1 - "Biocompatible Electrospun Nanofiber-Based Scaffolds for Drug Delivery and Wound Healing...")"</u>			
(Total Amount in Words)		Three million nine hundred ninety-eight thousand four hundred pesos only			Php3,998,400.00
In case of failure to make full delivery within the time specified above, a penalty of one-tenth (1/10) or 1% for every day of delay shall be imposed					
Conforme:		 ISAGANI O. BINADAY Signature over printed name of Supplier May 02, 2025 Date		 EVANGELINE FLOR P. MANALANG Officer-In-Charge, Office of the Director Date	
Funds Available:			Oblig No. 23-25-04-023		
 JAYNIE A. VILLONES Accountant III			Amount <u>3,998,400.00</u> . PENDING		

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