PURCHASE REQUEST

Office/Section: F	TUTD	PR No.: 25 - 96 - 50K Responsibility Center Code:	Date: June 11, 2025		
Stock/Property No.	Unit	Item Description	Quantity	Unit Cost	Total Cost
	Unit	Supply, Delivery, and Installation of Magnetic Stirrer and Hotplate (Branded, Brand new)	1	P 120,000.00	P 120,000.00
		 TECHNICAL SPECIFICATIONS: Application: heating for chemical reactions, heating and stirring of fiber mixtures Size: at least 10 x 10 inches Shape: square Plug Type: EU, UK, CHN/AUS Max Flask Size: 6 Liters Stirring Range: 50 to 1500 rpm Max Surface Temp (°C): Ambient to 400°C Top Plate Material: Ceramic or Aluminum (available options) Certifications/Compliance: CE Dimensions (W x D x H): 11.3 x 17.2 x 4 inches (28.8 x 43.8 x 			
		 10.5 cm) Electrical Requirements: 230 V, 50/60 Hz 		PHILIPPINE FIRER DE VELOPMENT A CENTRAL OF BIDS AND AWARDS	UTHORITY COMMITTEE
		 Features: Top plate: Available in ceramic or aluminum. LED Display: Shows heating, stirring, and time settings. Raised Display: Protects electronics from spills. Preset Functionality: Save up to three steps for temperature, 	DAT BY: Dets:	BIDS AND ANYARDS	COMMATTEE
		 speed, and timer. Slow-Speed Stirring: Ensures precise control. 	Budge Approv	to within: FUE	1 of 2

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Designation	0	fficer-in-Charge, FUTD		OIC, Deput	y Executive D	irector
Printed Name	CO	NCEPCION D. JOCSON	ENG	GR. RAMIL	B. BARCEL	ONA, MPA
Signature		edynion			hing	
		ted by:	1	ved by:		
Purpose: Upgrad	ling of lab	oratory equipment in FPUL for pr	rocessing a	and testing of	properties of na	tural fibers.
		xxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxx		AAAAA	TOTAL	XXXXXXXXX P 120,000.00 SUGUUUS
****	XXXXX	Quezon City		XXXXXXXX	XXXXXXXXXXX	
		Delivery Site: PhilFIDA-FPU BAI Compound, Visayas Avo	e.,			
		calendar days upon receipt of	INTP			
		Delivery period: within 30				
		center or office located in Philippines.	the			
		distributor, with support available through a servic	e			
		service technician from the principal manufacturer or				
		 On-call after-sales service provided by an authorized 	d			
		Requirement:				
		With authorization from t manufacturer	the			
		existing in the Philippine Market at least five (5) ye	ears			
		 Note: External provider must be available of the provide				
		manual				
		 unit during the warranty p Warranty certificate/ oper manual 				
		preventive maintenance of	of the			
		 Two (2) years warranty of and labor which includes 				
		• At least two (2) pieces of magnetic stir bar				
		Inclusions:				
		stable stirring, even with viscous solutions				

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AFMD	- Budget Section	
Earmark No:	114 KS 44-0+1	2
Date:	JUN 2 5 2025	
Valid Until:	true 11. 2015	
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Office/Section FUTD	:	PR No.: 25-04-329 Responsibility Center Code:		Date: June 4, 202	25
Stock/Prope rty No.	Unit	Item Description	Quantity	Unit Cost	Total Cost
	Units	Supply and Delivery of Digital Burette (Branded and Brand New) Technical Specifications: • Volume Range: 0.1 - 99.9 mL	2	P 60,000.00	P 120,000.00 SUG94USV
		 Max Piston Lift: 10 mL Resolution: 10 µL Volume Accuracy: R = 0.2%, CV 0.07% Velocity: 16 stages Quality Control: DIN EN ISO 8655 Controls: External control for still 		AFMD - Budget S Earmark No: 1015 • Date: JUN 16 2 Valid Until: 049	04-0474
		 Features: High-quality motor for precision and accuracy Electronic control reduces repetitive strain injuries 	1 L	Initial:	- Carlos
		 Remote-control panel for hassle-free operation Built-in magnetic stirrer support Note: The manufacturer must be existing i the Philippine Market at least five (5 years With manufacturer's authorization 	n ()	PHILIPPINE FIBER IN D DE VELOPMENT AU TH CENTRAL OFFICE BIDS AND AWARDS COM BIDS AND AWARDS COM RECONSTRUCTION RECONSTRUCTION	ORITY
		On-site Training at FPUL: • Local training for basic operation, troubleshooting, and maintenance. Warranty: • One (1) year on parts and labor, including preventive maintenance a calibration of the unit. Requirement:	nd	BIDS AND AWARDS COM	
		 On-call after-sales service provided by authorized service technician from principal manufacturer or local distribu- with support available through a ser- center or office located in the Philippine 	the Pure ator, Bud	set is within: FUT	21-197101
****	xxxxx	Delivery period: 90 calendar days Delivery area: PhilFIDA-FPUL, BAI Compo Visayas Avc. Quezon City XXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXX			xxxxxxxxxxx
Purpose: Upg fiber character	-	Charge to FY 2025 RADFTDS	ysis and research	& development to	enhance natural
	Reque	sted by:	Approved by:	, 1)	
Signature		etruran		hing	
Printed Name	C	ONCEPCION D. JOCSON	ENGR.	RAMIL B. BARC	ELONA
Designation		OIC, FUTD		Deputy Executive D	•

Entity Name:	Philip	ppine Fiber Industry Developmen	t Authority	Fund: FUT	D
Office/Section FUTD	:	PR No.: 21 - 04 - 329 Responsibility Center Code:		Date: June 4, 20	025
Stock/Prope rty No.	Unit	Item Description	Quantity	Unit Cost	Total Cost
	Units	Supply and Delivery of Digital Burette (Branded and Brand New)	2	P 60,000.00	P 120,000.00
		 Technical Specifications: Volume Range: 0.1 - 99.9 mL Max Piston Lift: 10 mL Resolution: 10 μL 			
		• Volume Accuracy: R = 0.2%, C 0.07%	$\mathbf{C}\mathbf{V} = \mathbf{I}$		
		 Velocity: 16 stages Quality Control: DIN EN ISO 865: Controls: External control for s and burette program 			
		Features:			
		 High-quality motor for precision an accuracy 			
		 Electronic control reduces repetitiv strain injuries Remote-control panel for hassle-free 			
		operationBuilt-in magnetic stirrer support			
		 Note: The manufacturer must be existing the Philippine Market at least five overs 			
		With manufacturer's authorization On-site Training at FPUL: O Local training for basic operation,			
		troubleshooting, and maintenance Warranty: One (1) year on parts and labor,			
		including preventive maintenance calibration of the unit. Requirement:	and		
		 On-call after-sales service provided by authorized service technician from 			
		principal manufacturer or local distribution with support available through a second center or office located in the Philippin	rvice		
		Delivery period: 90 calendar days Delivery area: PhilFIDA-FPUL, BAI Comp Visayas Ave. Quezon City	ound		
XXXXXXXXXX	XXXXX		XXXXX	****	****
		Charge to FY 2025 RADFTDS			
Purpose: Upg fiber character	rading la	boratory equipment for routine ana	lysis and researc	ch & development to	enhance natural
	1	sted by:	Approved by:	-()-	an a
Signature		eprivian		pund	
Printed Name	C	ONCEPCION D. JOCSON	ENGE	R. RAMIL B. BAR	CELONA
Designation		OIC, FUTD	OIC.	Deputy Executive	Director

Entity Name:	Entity Name: Philippine Fiber Industry Development Authority		nt Authority	Fund: FUTD		
Office/Section:	FUTD	PR No.: 25-06-473 Responsibility Center Code:		Date: June 11, 2025		
Stock/Proper ty No.	Unit	Item Description	Quantity	Unit Cost	Total Cost	
	Unit	 Supply and Delivery of Two (2) Unifications: Flammable Chemical Storage Cabinets Two (2) Units of Strong Acid/Alkali Stocabinets. Specifications: Flammable Storage Cabinet Capacity: 90 gallons / 340L Material: Double-layer anti-fire convolted steel Shelves: 2 adjustable Door: Double/manual Dimensions (WDH): 1090 x 860 x 1650 mm Strong Acid/Alkali Cabinet: Capacity: 60 gallons / 227L Material: Polypropylene (PP) anticorrosive Shelves: 2 adjustable Door: Double/manual Dimensions (WDH): 1090 x 860 x 1650 mm Strong Acid/Alkali Cabinet: Capacity: 60 gallons / 227L Material: Polypropylene (PP) anticorrosive Shelves: 2 adjustable Door: Double/manual Dimensions (WDH): 860 x 860 x mm Features: Flammable Cabinet: Fire-resistant double-layer steel w 38mm insulation. Three-linkage lock with dual keys compatible with padlock. 50mm anti-leakage tank for spill prevention. Vents with fire protection, labeled hazardous materials. Acid/Alkali Cabinet: Made from anti-corrosive PP, idea strong acids/alkalis. Adjustable shelves, padlock design customizable. Note: The manufacturer must be existing the Philippine Market at least five years With manufacturer's authorization Delivery period: 90 calendar days Delivery area: PhilFIDA-FPUL, BAI Comp 	s and forage old- (1650 ith , for al for n, (5) pound	HIMES BAC SECRED PHAT BAC SECRED PHAT BIDS AND AMANDS QUINA UN THE THE SE REQUEST NO. 15-CU IS WITHIN: FUTT IS WITHIN: FUTT COMISSION OF LANT	оц-06-1 1075 1075 Ту ту те Е D	
****	****	Visayas Ave. Quezon City XxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxXXXXXX		XXXXXXXXXXXXXX	*****	
Purpose: Upgra characterization		ty storage of chemicals for routine and	alysis and research &	t development to enh	ance natural fiber	
	Reques	ted by:	Approved by:			
Signature		Myrusm.		print		
Printed Name		CONCEPCION D. JOCSON	ENGR.	RAMIL B. BARCE	LONA	
Designation		OIC, FUTD	OIC, E	Deputy Executive Di	rector	
		and the second	A comparison of the second	and a contraction description of the second second	and the second	

Office/Section: FUTD		PR No.: 15-64-44 Responsibility Center Code:		Date: May 28, 2025	
Stock/Prope rty No.	Unit	Item Description	Quantity	Unit Cost	Total Cost
	lot	Supply and Delivery of Various Laboratory Equipment (Branded and Brand-new) for Characterization of Fibers, Pulp and Paper Breakdown a. Analytical balance (1 unit) Technical Specifications: • Weighing Capacity: 220 g • Readability: 0.0001 g • Pan Size: at least 90 mm diameter	1	P 240,000.00 PHILIPPINE FIBER INDU	P 2,030,000.00 P 240,000.00
ſ		 Repeatability: 0.0001 g Linearity: 0.0002 g Response Time: 2.5 sec Calibration: Internal/Automatic Power Supply: 230 V, 60 Hz Features: Multiple built-in applications: percent weighing, unit conversion, and counting Exceptional monolithic weigh cell Standard internal motorized 	R DATE:	BEVELOPMENT AUTHOR CERTRAL OFFICE BIDS AND AWARDS COMMIT COMMIT COMMIT COMMIT COMMIT DO 103 2 5 MBAC SECTETARIAT	
		 Standard internal internal internal internal internal internal internal internal internal calibration High-contrast, backlit display for clear readouts Optional connection to a printer User-friendly navigation with plain-language prompts and cursor keys Convenient level indicator for easy leveling 	Budget	BIDS AND AMARIOS CO SP Request bio. APT - C switthin: MOMIN - APT - C MOMIN - APT - C Cretariat:	A-UAS-
		 b. Digital Stirring Hotplate (1 unit) Technical Specifications: Size: at least 10x10 inches Shape: Square Display: LED (Easy-to-read) Plug Type: EU, UK, CHN/AUS Max Flask Size: 6 Liters Stirring Range: 50 to 1500 rpm Max Surface Temp (°C): Ambient to 400°C Top Plate Material: Ceramic or Aluminum (available options) Certifications/Compliance: CE Dimensions (W x D x H): 11.3 x 17.2 x 4 inches (28.8 x 43.8 x 10.5 cm) 	D	AFMD - Bedge armark No: 1/1/9 ate: JUN 1 (alid Until: JUN 1 (P 150,000.00

 Performan Perf	 Fred		1	
 Electrical Requirements: 240V, 50/60Hz, 3200W, 13.3A Features: Large aluminum heating surface with thermostatic controls Cycle light indicates power supply Durable stainless-steel case for heavy loads Epoxy-painted for chemical resistance d. pH Meter (1 unit) Technical Specifications: pH Range: -1.99 to 19.99 Resolution: 0.01 Accuracy: ±0.005 mV Range: -1999.9 to 1999.9 Resolution: 0.1 Accuracy: ±0.005 mV Range: -5.0°C to 105.0°C Resolution: 0.1°C Accuracy: ±0.2°C Calibration: Up to 3 buffers Auto buffer recognition: 16 buffers (3 groups) 2, 4, 7, 10, 12 1, 3, 6, 8, 10, 13 	 aluminum. LED Display: Shows heating, stirring, and time settings. Raised Display: Protects electronics from spills. Preset Functionality: Save up to three steps for temperature, speed, and timer. Slow-Speed Stirring: Ensures precise control. Magnetic Coupling: Strong for stable stirring, even with viscous solutions. c. Hotplate (2 units) Technical Specifications: Top Plate Material: Aluminum Heating Surface Area: at least 12 x 24 in. Temperature Range: 38 to 371 °C Temperature Uniformity @ 100 °C: ±3.5°C Temperature Uniformity @ 100 °C: ±10.0°C Certifications: UL Listed Overall Dimensions: 34.9 x 60.9 x 	2	P 145,000.00	P 290,000.00
	 15.9 cm (13.75 x 24 x 6.25 in.) Electrical Requirements: 240V, 50/60Hz, 3200W, 13.3A Features: Large aluminum heating surface with thermostatic controls Cycle light indicates power supply Durable stainless-steel case for heavy loads Epoxy-painted for chemical resistance d. pH Meter (1 unit) Technical Specifications: pH Range: -1.99 to 19.99 Resolution: 0.01 Accuracy: ±0.005 mV Range: -1999.9 to 1999.9 Resolution: 0.1 Accuracy: ±0.3 mV (±0.05% if < -400 mV) Temperature Range: -5.0°C to 105.0°C Resolution: 0.1°C Accuracy: ±0.2°C Calibration: Up to 3 buffers Auto buffer recognition: 16 buffers (3 groups) 2, 4, 7, 10, 12 1, 3, 6, 8, 10, 13 	E: D: Va	AFMD - Budget armark No:JUS ate:JUN 1 alid Until:OCr.	

Features: •			
Auto/Manual (ATC/MTC) Features: • TFT color touch screen • Auto/Manual Temperature			
TFT color touch screenAuto/Manual Temperature			
TFT color touch screenAuto/Manual Temperature			
Auto/Manual Temperature			
Compensation (ATC/MTC)			
Automatic calibration with up to 3			
buffers and automatic buffer			
recognition			
 User password protection 			
 Multi-interface data output 		-	
GLP-compliant printing		-	-
e. Water Bath (2 units)	2	P 200.000 00	P 400,000.00
Technical Specifications:	2		2
• Capacity: 28 L (Metric)			
		-	
Controller Type: Digital			
 Display: Monochrome LCD 			
• Temperature Presets: 4			
Features:			
Includes: Clear Polycarbonate Gable			
		2	
4.3-5.0 A (230V)			
f. Convection Oven (2 units)			
	2	P 175.000.00	P350,000.00
 Type: Convection 			
• Capacity: at least 105 L			
or better			
• Number of Shelves: 2 or better			
Controller Type:	ſ		
		Earmark No: 10	Set Section
		Date: JUN 1	1 2025
230 V, 50/60 Hz		Valid Until: 00	4 the Jon
		Initial:	Sul
		-	
With Automatic Voltage Regulator			
	 Calibration reminder with automatic data saving 500 sets of data storage Electrode serial number storage for 100% traceability User password protection Multi-interface data output GLP-compliant printing Water Bath (2 units) Technical Specifications: Capacity: 28 L (Metric) Temperature Range: Ambient to 100°C Temperature Stability: ±0.1°C Temperature Uniformity: ±0.2°C Chamber Material: Stainless Steel Controller Type: Digital Display: Monochrome LCD Temperature Presets: 4 Features: Includes: Clear Polycarbonate Gable Cover, Rubber Duck or equivalent Material: Epoxy Powder-coated Steel Certifications: Type: Convection Gapacity: at least 105 L Operating Temperature: 50°C to 250°C or better Temperature Stability: ±0.5°C or better Temperature Stability: ±0.5°C or better Temperature Stability: ±0.5°C or better Number of Shelves: 2 or better Timer: Built-in, ON/OFF Electrical Requirements: 220-230 V, 50/60 Hz Features: Corrosion-resistant stainless-steel Corrosion-resistant stainless-steel Corrosion-resistant stainless-steel With digital display 	 Calibration reminder with automatic data saving 500 sets of data storage Electrode serial number storage for 100% traceability User password protection Multi-interface data output GLP-compliant printing e. Water Bath (2 units) Technical Specifications: Capacity: 28 L (Metric) Temperature Range: Ambient to 100°C Temperature Stability: ±0.1°C Temperature Uniformity: ±0.2°C Chamber Material: Stainless Steel Controller Type: Digital Display: Monochrome LCD Temperature Presets: 4 Features: Includes: Clear Polycarbonate Gable Cover, Rubber Duck or equivalent Material: Epoxy Powder-coated Steel Certifications: Type: Convection Capacity: at least 105 L Operating Temperature: 50°C to 250°C or better Temperature Stability: ±0.5°C or better Temperature Stability: ±0.5°C or better Number of Shelves: 2 or better Controller Type: Microprocessor control or better Timer: Built-in, ON/OFF Electrical Requirements: 220-230 V, 50/60 Hz 	 Calibration reminder with automatic data saving 500 sets of data storage Electrode serial number storage for 100% traceability User password protection Multi-interface data output GLP-compliant printing e. Water Bath (2 units) Technical Specifications: Capacity: 28 L (Metric) Temperature Range: Ambient to 100°C Temperature Uniformity: ±0.2°C Chamber Material: Stainless Steel Controller Type: Digital Display: Monochrome LCD Temperature Presets: 4 Features: Includes: Clear Polycarbonate Gable Cover, Rubber Duck or equivalent Material: Epoxy Powder-coated Steel Centrical Specifications: Type: Convection Capacity: at least 105 L Operating Temperature: 50°C to 250°C or better Temperature Stability: ±0.5°C or obetter Number of Shelves: 2 or better Controller Type: Microprocessor control or better Timer: Suili-in, ON/OFF Electrical Requirements: 220-230 V, 50/60 Hz Features: Corrosion-resistant stainless-steel chamber with rounded corners With digital display

1-4	g. Joisture Analyzer (1 unit)	Q	P 300,000.00	P 300,000.00
	Techcal Specifications:			
	Heat source: Infrared lamp			
	Depth: 400 mm Main Which in a Comparity of			
	Max. Weighing Capacity: at			
	least 70 g			
	Weighing Accuracy: 1 mg			
	• Moisture Range: 4 – 99%			
	• Temperature range: 40°C –			
	200°C (adjustable by 1°C increments).			
	Features: Compliance: ISO/GLP compliant			
	printouts or equivalent			
	High-performance heating for fast, uniform results.			
	 Intuitive touch-screen interface 			
	• Intuitive touch-screen interface with user-friendly menu.			
	 Three drying modes with auto, 			
	semi-auto, and manual shutoff			
	options.Compact, durable design.			
	h. Top Load Balance (1 unit)	1	P 200,000.00	P 200,000.00
	Technical Specifications:	1		
	Capacity:			
	Max Capacity: 4000g or better			
	Material:			-
	Pan: made from non-corrosive materials			
	Housing: Durable plastic or metal			
	Display: 0.01 g			
	Weighing Units: g, kg, oz and etc.			
	Tare Function: With tare function			
	Calibration: With self-checking and			
	adjustment features			+
	Display: LCD/LED with backlight for			
	easy reading			
	Power Supply: AC 240V, 50/60 Hz			
	Features:			
	 Multiple built-in applications: 			
	percent weighing, unit			
	conversion, and counting			
	 Standard internal motorized 			
	calibration			
	 High-contrast, backlit display for 			
	clear readouts			
	 Optional connection to a printer 			
	 User-friendly navigation with 			
	plain-language prompts			
	 Convenient level indicator for easy 			
	leveling		AFMD - Budge	* Contin
	Note:		Earmark No: 100	Un- 191.1.2
	The manufacturer must be existing		Date: JUN 1	6 2025
	in the Philippine Market at least		Valid Until: 01+.	14-100
	five (5) years	S	nitial:	a with
	• With manufacturer's authorization	Ľ		
	On-site Training at FPUL:			<u>,</u>
	 Local training for basic operation, 			
	troubleshooting, and maintenance.			
	Warranty:			
	• One (1) year on parts and labor,			
	including preventive maintenance			
	including preventive maintenance		1	1

Designation		OIC, FUTD		OIC, D	eputy Executiv	e Director
Printed Name	CONCEPCION D. JOCSON			ENGR. I	RAMIL B. BAI	RCELONA
Signature		edpursi	-		hung	
	Reques	ted by:	App	proved by:		
fiber character	ization	boratory equipment for routine ar	alysis	and research	& development	to enhance natural
Dumpered Line		Charge to FY 2025 RADFTE			ΤΟΤΑΙ	50604050
****	Compound Visayas Ave. Quezon xxxxx xxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxx		XXXX	****	XXXXXXXXXXXX	
			City			
		Delivery area: PhilFIDA-FPUL, H				
		Delivery period: 90 calendar days			3 :	
		or office located in the Philip	pines.			
		available through a service	center			
		from the principal manufactulocal distributor, with s	irer or			
		by an authorized service tech				
		• On-call after-sales service pro	wided.		P	
÷		d calibration of the unit.				

AFMD	- Budget Section
Earmark No:	Till Ul - 1 1. 1. 1
Date:	JUN 16 2025
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