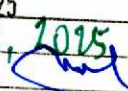


PURCHASE REQUEST


Entity Name: Philippine Fiber Industry Development Authority

Fund Cluster FUTD

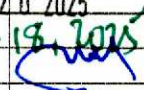
Office/Section: FUTD		PR No.: 25-06-502 Responsibility Center Code:		Date: June 11, 2025	
Stock/Property No.	Unit	Item Description	Quantity	Unit Cost	Total Cost
	Lot	Supply, Delivery and Installation of the following Branded and Brand-New equipment;	1		
	Unit	Canadian Standard Freeness Tester (Branded, Brand New) TECHNICAL SPECIFICATIONS: <ul style="list-style-type: none"> compliance to standards: TAPPI T227, ISO 5267-2, Scan C 21 Measuring Cylinder <ul style="list-style-type: none"> Material: Corrosion-resistant stainless steel or equivalent Capacity: 1000 ml graduated cylinder Graduation: with precise increments, clearly marked for accuracy Orifice Plate <ul style="list-style-type: none"> Material: stainless steel or hardened material to withstand wear Orifice Diameter: Approximately 0.81 mm as per TAPPI T227 and ISO 5267-2) Seating Surface: Smooth and properly aligned to prevent leakage Receiver Vessel (Freeness Indicator) <ul style="list-style-type: none"> Quantity: 4 pcs CSF measuring graduated cylinders Volume: Designed to collect up to 1000 ml of discharged water Material: Corrosion-resistant, stainless steel or durable plastic Drainage Cone <ul style="list-style-type: none"> Material: Stainless steel or equivalent 	1	1,500,000.00	1,500,000.00

AFMD - Budget Section
 Earmark No: 2025-06-0704
 Date: JUN 20 2025
 Valid Until: Oct. 18, 2025
 Initial: 

		<ul style="list-style-type: none"> • Angle: 60° or standard cone shape as per TAPPI/ISO • Volume: Calibrated to hold specified volumes for accurate freeness measurement <p>Valve Assembly</p> <ul style="list-style-type: none"> • Type: Precision-operated valve and corrosion resistant • Material: Stainless steel or equivalent <p>Body</p> <ul style="list-style-type: none"> • Robust Design: Body should be designed for long-term durability, resistant to chemicals typically encountered in pulp testing • Base: Stable and balanced, non-slip base to ensure accurate readings without vibrations and movement <p>Operating Environment</p> <ul style="list-style-type: none"> • Temperature range: Suitable for operating between 15 to 32° C • Humidity range: Suitable for typical laboratory environments, 30 – 70 % relative humidity 			
	Unit	<p>Somerville Fractionator, (Branded, Brand new)</p> <p>Technical Specifications:</p> <ul style="list-style-type: none"> • Separating contaminants, such as shivers, stickies, flakes and articles from pulp slurry according to TAPPI 275 • Screen plate; stainless steel with 756 slots of 0.15 mm x 45 mm screen box; 315 mm x 250 mm articulated and with quick action latch • Central spray nozzle with 12 jets parallel to screen plate and adjustable flow pulsating diaphragm running at 12 Hz and 3.2mm amplitude C, Single phase, 50/60 Hz, 350 W. 	1	3,000,000.00	3,000,000.00

AFMD - Budget Section	
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Valid Until:	Oct-18-2025
Initial:	

		Additional spare of screen plate and rubber gasket			
		Compliance and Certification <ul style="list-style-type: none"> • Certification: CE certification or other relevant safety and quality certifications. 			
	unit	Standard Pulp Disintegrator (Branded, Brand New)	1	1,500,000.00	1,500,000.00
		TECHNICAL SPECIFICATIONS: <ul style="list-style-type: none"> • Applicable international standards (TAPPI 205, ISO 5263, SCAN-CM 15) • Machine Type: High-speed rotary disintegrator designed specifically for pulp and paper laboratory use • Capacity: 2 to 50 g (oven-dried basis) pulp samples as per standardized testing requirements 			
		Disintegration Chamber <ul style="list-style-type: none"> • Material: Corrosion-resistant stainless steel to handle water-based pulp suspensions (slurry) • Volume: up to approximately 3 liters • Blades: no sharp edges to prevent fiber cutting 			
		Rotor <ul style="list-style-type: none"> • Type: highspeed propeller-type rotor • Speed: approximately 3,000 rpm as per TAPPI/ISO/SCAN standards • Rotor Clearance: Pre-calibrated to avoid cutting or shredding the pulp fibers, designed to ensure uniform fiber dispersion 			
		Operator Timer: <ul style="list-style-type: none"> • Timer Control: Digital timer with preset timing capabilities 			
		Body <ul style="list-style-type: none"> • Frame: made from corrosive-resistant material such as heavy-duty steel, cast-iron frame or any applicable to 			

AFMD - Budget Section	
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Date:	JUN 20 2025
Valid Until:	06-18-2025
Initial:	

minimize vibration during operation

- **Chamber Lid:** Sealed chamber with a secure, lockable lid to prevent splashing or spillage during disintegration
- **Electrical power connection:** 230 V 50/60 Hz

Control Interface

- **User Interface:** User friendly control panel with start/stop buttons and a digital timer

Safety Features

- with safety mechanism to prevent operation while the lid is open

Noise Level

- Operates within acceptable noise level typically below 70 dB

Compliance and Certification

- **Certification:** CE certification or other relevant safety and quality certifications.

NOTE: All items include the following:

- Two (2) years warranty on parts and labor which includes preventive maintenance and calibration of the unit during the warranty period
- Training on basic operation, installation, routine maintenance, advanced knowledge on equipment capabilities, safety handling, complex troubleshooting and method optimization
- On-site installation and any incidental services for the installation of the unit should be at the expense of the supplier

- **MANUFACTURERS TRAINING AT DELIVERY SITE**

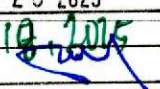
AFMD - Budget Section
Earmark No: 2015-01-0704
Date: JUN 20 2025
Valid Until: DEC 15 2025
Initial: _____

PURCHASE REQUEST

Entity Name: Philippine Fiber Industry Development Authority

Fund: FUTD

Office/Section: FUTD		PR No.: 25-06-499		Date: June 11, 2025	
Stock/ Property No.	Unit	Item Description	Quantity	Unit Cost	Total Cost
	Lot	Supply, Delivery and Installation of the following Branded and Brand-New equipment;	1		
	unit	TEARING TESTER (Elmendorf-type) <i>Application</i> ✧ measures the tearing resistance of paper and board specimen <i>Specifications:</i> ✧ Compliant to TAPPI T414 ✧ Automatic tester ✧ Intuitive touch screen with user-friendly interface, with protective surface for easy cleaning & durability, ✧ Automatic clamping and notch cutting of test specimen, ✧ Automatic pendulum release, catch and retraction, ✧ Measurement: units in mN or gram force (gf) Measurement values; - individual tearing resistance - statistics; mean value, standard deviation, maximum & minimum values ✧ Power: 220 V, 50/60 Hz machine <i>Inclusive of the following:</i> ✧ Sample cutter for easy and quick preparation of accurate and precise test samples ✧ UPS 1kVA and air compressor,	1	P2,500,000.00	P2,500,000.00
	unit	PAPER SPECTROPHOTOMETER <i>Application</i> ✧ Measures the ISO brightness, whiteness, color and opacity of paper <i>Specifications</i> ✧ Compliant to TAPPI T525, T527 & T519 ✧ Reflectance: d:0° diffuse illumination conforming to ISO 2469	1	P4,510,000.00	P4,510,000.00

AFMD - Budget Section	
Earmark No:	1015-06-0705
Date:	JUN 20 2025
Valid Until:	OCT 18 2025
Initial:	

		<ul style="list-style-type: none"> ✧ Spectral range: 360 - 700 or higher ✧ Band width: 10 nm ✧ Photometric range: 0-200% ✧ Light source: pulsed xenon lamp, D65, with one or more light sources, ✧ Measurement time: varies depending on the type of measurement but not more than 20 sec ✧ Measurement geometry: d/0° ✧ Power: 100-240V, 50/60 Hz <p><i>Inclusive of:</i></p> <ul style="list-style-type: none"> ✧ color-brightness software, ✧ 13th gen laptop computer and wireless printer with continuous ink system ✧ UPS 1 kVA and CTP standard paper 			
	Unit	<p>MICROMETER</p> <p><i>Application</i></p> <ul style="list-style-type: none"> ✧ Measures the precise and exact thickness of paper and paperboard <p><i>Specifications:</i></p> <ul style="list-style-type: none"> ✧ Compliant to TAPPI T411 ✧ Machine controlled by touch screen ✧ Pressure foot lowering speed 0.2 to 10 mm/s or better ✧ Pressure foot, when lowered, exerts a steady pressure on the specimen of 50 ± 2 kPa for 2 ± 1 s ✧ USB connection to printer, with printing of result and values ✧ Measurement values; Thickness in µm, mm or in. Measuring resolution 0.001 mm or better ✧ Statistical control; Mean value, standard deviation, minimum and maximum values ✧ Power: 220V, 50/60 Hz <p><i>Inclusive of the following:</i></p> <ul style="list-style-type: none"> ✧ 13th gen laptop computer and wireless printer with continuous ink system, ✧ UPS 1 kVA 	1	P1,400,000.00	P1,400,000.00
	Unit	<p>DENSOMETER (GURLEY TYPE)</p> <p><i>Application</i></p> <ul style="list-style-type: none"> ✧ Measures the air resistance of approximately 6.45 cm² (1 in²) circular area of paper <p><i>Specifications</i></p> <ul style="list-style-type: none"> ✧ Compliant to TAPPI T460 ✧ Measuring volume: 25, 50, 100, 200 ✧ Measurement in Pas or Gus ✧ Measuring range: 0 - 999.9 s or Gus 	1	P2,300,000.00	P2,300,000.00

AFMD - Budget Section	
Earmark No:	7015-06-0705
Date:	JUN 20 2025
Valid Until:	04-12-2025
Initial:	

		<ul style="list-style-type: none"> ✧ Power supply: 220V, 50/60 Hz, single phase ✧ Inclusive of 1 unit UPS 1 kVA 			
	Unit	<p>BURSTING STRENGTH TESTER</p> <p><i>Application</i></p> <ul style="list-style-type: none"> ✧ Measures the bursting strength of paper and board <p><i>Specifications</i></p> <ul style="list-style-type: none"> ✧ Compliant to TAPPI T 403 ✧ Reliable and repeatable results ✧ With built-in sample feeder and protection security cover ✧ Machine controlled by touch screen ✧ 220/110V 50/60 Hz <p><i>Inclusive of the following:</i></p> <ul style="list-style-type: none"> ✧ Extra diaphragms ✧ Extra glycerol ✧ Tools for replacing diaphragm and refilling the hydraulic system, bulge height template ✧ 1 pack (5 pcs) MP paper membranes ✧ 1 pack (5 pcs) MP board membranes ✧ 1 set accessories for board application ✧ UPS and air compressor <p>NOTE: All items include the following:</p> <ul style="list-style-type: none"> ✧ Two (2) years warranty on parts and labor which includes preventive maintenance and calibration of the unit during the warranty period ✧ Calibration certificates, warranty certificates and operation manuals for individual instrument ✧ Training on basic operation, installation, routine maintenance, including seminar/workshop on pulp and paper characterization and evaluation of the strength and optical properties of paper, advanced knowledge on equipment capabilities, safety handling, complex troubleshooting, method optimization, and hardware/software integration <p>★ MANUFACTURERS TRAINING AT DELIVERY SITE</p>	1	P2,700,000.00	P2,700,000.00

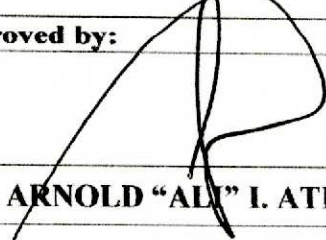
AFMD - Budget Section	
Earmark No:	2025-06-0705
Date:	JUN 20 2025
Valid Until:	04. 12. 2025
Initial:	

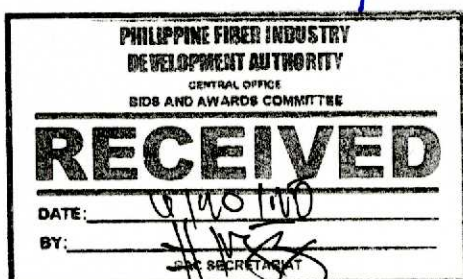
		<p>✧ On-site installation and any incidental services for the installation of the unit should be at the expense of the supplier</p> <p>Note:</p> <ul style="list-style-type: none"> External provider must be existing in the Philippine Market at least five (5) years External provider must be an authorized distributor of the manufacturer With authorized service center covered by certificates <p>Delivery period: within 90 calendar days upon receipt of NTP</p> <p>Delivery site: PhilFIDA- FPUL, BAI Compound, Visayas Avenue, Diliman, Quezon City</p>			
XXXXXXXXXXXXXXXX	XXXX	XXXXXXXXXXXXXXXXXXXXXXXXXXXX	XXXXX	XXXXXXXXXXXX	XXXXXXXXXXXX
		<p>Charge to: 2025 FUTD RADFTDS</p>		<p>TOTAL</p>	<p>P13,410,000.00</p> <p>5060405014</p>

AFMD - Budget Section	
Earmark No:	1015-01-0705
Date:	JUN 20 2025
Valid Until:	Oct. 19, 2025
Initial:	

Purpose:

Upgrading of FPUL's laboratory equipment for processing and testing of pulp and paper from natural plant fibers

	Requested by:	Approved by:
Signature		
Printed Name	ENGR. RAMIL B. BARCELONA, MPA	ARNOLD "ALI" I. ATIENZA
Designation	OIC, Deputy Executive Director	Executive Director



BIDS AND AWARDS COMMITTEE	
Date:	6/20/25
Purchase Request No.	25-01-400
Budget is within:	FUTD
Approved:	[Signature]
BAC Secretariat:	[Signature]