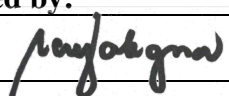


PURCHASE REQUEST

Entity Name: Philippine Fiber Industry Development Authority

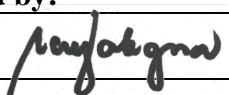
Fund Cluster 101

Office/Section: FUTD		PR No.:	Date: November 9, 2020		
		Responsibility Center Code:			
Stock/Property No.	Unit	Item Description	Quantity	Unit Cost	Total Cost
	unit	Preventive Maintenance/Hardware Check and Adjustment/Calibration of the following equipment: (I) Hitachi Scanning Electron Microscope, Model TM 3030 Plus, with Energy Dispersive XRay (EDX) <i>Scope of Work/Job Description:</i> - Verify resolution of unit at 15KB - Replacement if objective aperture plate - Cleaning of liner tuber - Cleaning of orifice assy - Cleaning of wehnelt cap - Cleaning of gun assy - Cleaning & greasing of stage & surface of unit - Beam alignment - Check & calibrate Bruker EDX - Check unit's overall performance	1	64,500.00	64,500.00
	unit	(II) A. Carl Zeiss Compound Microscope, Model: Primo Star HD B. Carl Zeiss Stereo Microscope, Model: Stemi 305 <i>Scope of Work/Job Description:</i> - Disassembly and reassembly of external parts for cleaning - Cleaning of external optical parts a. objectives b. eyepieces c. camera lens - Cleaning of mechanical parts - Lubrication of mechanical and optical parts (Koehler Illumination if applicable) - Testing of power supply - Camera assessment (if applicable) - Software assessment (if applicable) - Functional testing of the microscope - Provision of service report and periodic maintenance sticker	2	16,000.00	16,000.00
Purpose: Requirement for ISO 9001:2015 Quality Management Systems certification					
		Requested by:	Approved by:		
Signature					
Printed Name	REMEDIOS V. ABGONA, PhD		ANNRAY V. RIVERA		
Designation	Chief, FUTD		Deputy Executive Director III		

PURCHASE REQUEST


Entity Name: Philippine Fiber Industry Development Authority

Fund Cluster 101

Office/Section: FUTD		PR No.:	Date: November 9, 2020		
		Responsibility Center Code:			
Stock/Property No.	Unit	Item Description	Quantity	Unit Cost	Total Cost
	unit	(III) Shimadzu High Performance Liquid Chromatography (HPLC), Model: LC-20AD -With Preventive Maintenance Kit <i>Scope of Work/Job Description:</i> 1. External cleaning of every module which includes covers and front panels. 2. Internal cleaning which includes mechanical, optical and electrical/electronic parts. 3. Voltage source checking and ground voltage inspection 4. Room temperature and Humidity checking. 5. Maintenance inspection and technical adjustments of every module which details as follows: A. Pump module i. Cleaning and Inspection suction filter & line filter ii. Cleaning of Check valve, plungers & Diaphragms iii. Inspection of Fuse iv. Pumping stability check B. Degasser: i. Cleaning of Flow lines ii. Inspection of Vacuum Chamber iii. Inspection of Vacuum Level and LED indicator C. Flow Control Valve/LPGE Unit: i. Cleaning of Solenoid Valves and Flow Lines ii. Checking/Inspection of Switching Valves	1	117,300.00	117,300.00
Purpose: Requirement for ISO 9001:2015 Quality Management Systems certification					
		Requested by:	Approved by:		
Signature					
Printed Name	REMEDIOS V. ABGONA, PhD		ANNRAY V. RIVERA		
Designation	Chief, FUTD		Deputy Executive Director III		

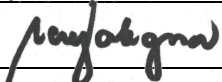
PURCHASE REQUEST

Entity Name: Philippine Fiber Industry Development Authority
Fund Cluster 101

Office/Section: FUTD		PR No.: Responsibility Center Code:		Date: November 9, 2020	
Stock/Property No.	Unit	Item Description	Quantity	Unit Cost	Total Cost
		D. Photodiode Array Detector i. Flow Cell Disassembly and Cleaning ii. Inspection of fuse iii. Setting Exposure Time iv. Light Source Usage Time Check v. Wavelength Accuracy Check vi. Lamp Intensity Check E. Spectrofluorometric Detector i. Cleaning of exhaust air filter ii. Flow Cell Disassembly/Cleaning iii. Inspection of fuse iv. Signal-to-Noise check and Raman Peak check F. Auto sampler i. Cleaning of suction filter ii. Rinsing the Flow Lines iii. Checking of fuse iv. Home position sensor check v. Injection volume accuracy test at 10uL injection volume G. Column Oven i. Checking/inspection of Temperature Sensor ii. Temperature Accuracy Check iii. Regulation Accuracy Check H. System controller: i. Checking of on-board battery ii. Connection/link testing iii. System check/Validation run I. Workstation i. Inspection/checking of system configuration ii. Program alteration Check (LabSolution) iii. Inspection/testing of functions and parameters iv. Performed System check			
Purpose: Requirement for ISO 9001:2015 Quality Management Systems certification					
		Requested by:		Approved by:	
Signature					
Printed Name		REMEDIOS V. ABGONA, PhD		ANNRAY V. RIVERA	
Designation		Chief, FUTD		Deputy Executive Director III	

PURCHASE REQUEST

Entity Name: **Philippine Fiber Industry Development Authority**Fund Cluster **101**

Office/Section: FUTD		PR No.:		Date: November 9, 2020	
		Responsibility Center Code:			
Stock/Property No.	Unit	Item Description	Quantity	Unit Cost	Total Cost
	unit	(IV) Shimadzu UV-Vis Spectrophotometer, Model: UV-1800 <i>Scope of Work/Job Description:</i> 1. Inspection of site requirements 2. Equipment disassembly, cleaning, necessary adjustments 3. Replacement of parts that are deteriorated or damaged (if parts are available on site) 4. Inspection of internal optical system of the equipment 5. Testing of workstation 6. Testing of optional attachments 7. Testing the equipment to ensure it is working as intended	1	20,000.00	20,000.00
	unit	(V) Fumehood <i>Scope of Work/Job Description:</i> a. Determination of face velocity and uniformity b. Smoke test	5	5,000.00	25,000.00
XXXXXXXXXXXXXXXXXX	XXXXXX	XX	XXXXXXXXXX	XXXXXXXXXXXX Total	XXXXXXXXXXXX 242,800.00
Charge to FUTD Fund					
Purpose: Requirement for ISO 9001:2015 Quality Management Systems certification					
	Requested by:		Approved by:		
Signature					
Printed Name	REMEDIOS V. ABGONA, PhD		ANNRAY V. RIVERA		
Designation	Chief, FUTD		Deputy Executive Director III		