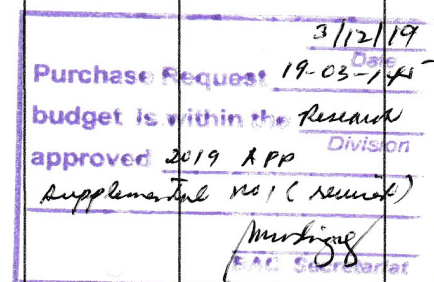
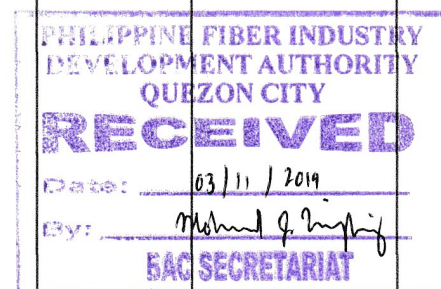


PURCHASE REQUEST

Entity Name: **PHILIPPINE FIBER INDUSTRY DEVELOPMENT AUTHORITY**

Fund Cluster: 184

Office/Section: Research Division		PR No. <u>19.03.145</u> Responsibility Center Code:	Date: March 8, 2019		
Stock/Property No.	Unit	Item Description	Quantity	Unit Cost	Total Cost
	unit	Refrigerated centrifuge with 24x1.5/2.0 mL rotor - corrosion resistance - ergonomic one-click rotor opening and closing - no need for adapters, dual row rotor max RCF : not less than or equal to 21,100 xg max Rpm: not less than or equal to 14,800 rpm noise level: not more than 50 dBA temperature range: -9° to +40° C Electricals : Hertz 50/60Hz Voltage 230V Certifications/Compliance: IEC; UI Listed/CE marked or its equivalent With two (2) years warranty on parts and services, yearly Preventive maintenance during the warranty period Provide on-site training and calibration upon delivery Charge to DA BIOTECH R-1806 (P 12.2 M)			310,000.00
			TOTAL		310,000.00



Purpose: for Immunology Laboratory use.

	Requested by:	Approved by:
Signature		
Printed Name	JOSE L. CATALA	Engr. RAMON M. BRANZUELA
Designation	Chief-Research Division	OIC-Deputy Executive Director



PURCHASE REQUEST

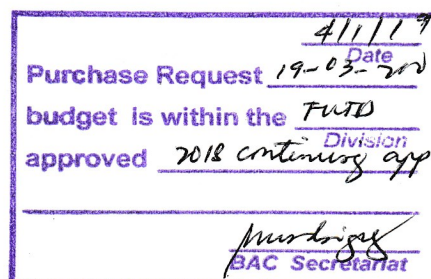
PHILIPPINE FIBER INDUSTRY DEVELOPMENT AUTHORITY
(Agency)

Department	:	<u>PhilFIDA</u>	PR No.	:	<u>19-03-200</u>	Date	:	<u>03-27-19</u>
Section	:	<u>FUTD</u>	SAI No.:	:	<u> </u>	Date	:	<u> </u>
			ALOBS No.:	:	<u> </u>	Date	:	<u> </u>

Qty	Unit	DESCRIPTION	Stock No.	Estimated Cost	Estimated Total Cost
2	unit	ANALYTICAL BALANCE, Branded <i>Weighing capacity:</i> 220 grams <i>Min. weighing value:</i> 0.1 mg <i>Repeatability:</i> 0 – 200g = 0.1mg; 200- 252g = 0.2mg <i>Linearity:</i> ±0.3 mg <i>Stabilization time:</i> Approx. 2 seconds <i>Sensitivity drift:</i> ±2ppm/°C (10 - 30°C) Internal calibration Clock and calendar function <i>Display refresh rate:</i> 5 times/second <i>Display mode:</i> g, mg, oz, oz-t, ct, grain, pcs, %, DS <i>Applicable calibration weight value:</i> 250g, 200g, 100g, 50g <i>Weighing pan size:</i> Ø 3.5 inches <i>Power supply:</i> AC adapter <i>Power consumption:</i> approx. 11VA (supplied to AC adapter) <i>Features:</i> One touch automatic calibration Sliding doors Clear, reverse backlit LCD Adjustable response characteristics and hold function Statistical calculation function One (1) year warranty on parts and labor and preventive maintenance during the warranty		162,500.00	P325,000.00
xxx	xxxx	xxx	xxxx	xxxxxx TOTAL	xxxxxxxxxx P325,000.00
Charge to FUTD Fund 2018 Continuing Appropriation					

Purpose: For FUTD Research on Characterization of Fibers and Nanocellulose

Signature	Requested by: 	Approved by: 
Printed Name	REMEDIOS V. ABGONA, PhD	ENGR. RAMON M. BRANZUELA
Designation	Chief, FUTD	OIC, Deputy Executive Director
Date	March 28, 2019	

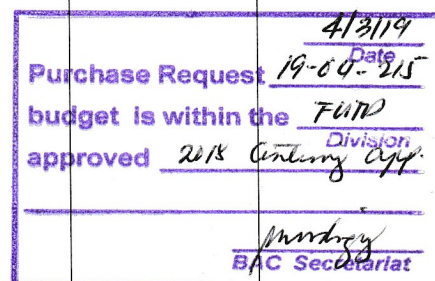
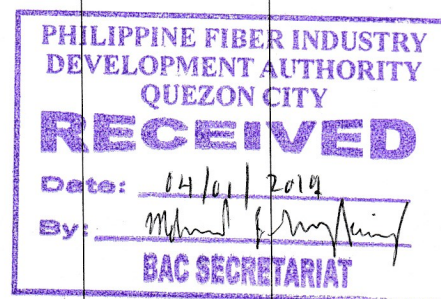


PURCHASE REQUEST

Entity Name: Philippine Fiber Industry Development Authority

Fund Cluster 101

Office/Section:		PR No.: <u>19-04-215</u> Responsibility Center Code:		Date: March 29, 2019	
Stock/Property No.	Unit	Item Description	Quantity	Unit Cost	Total Cost
	unit	Laboratory Water Purification System, Branded, Brand New <i>Specifications:</i> - combined systems, reverse osmosis (RO) system and ultrapure (UP) system - flow rate of product: at least 15 L/hr maximum - display for feed water temperature, feed water conductivity, RO water conductivity and UP water resistivity up to 18.3 MΩ•cm - with digital pressure sensor for feed water and RO membrane - with self-check function (valve check, auto sensor calibration, system operation, self-diagnosis) - auto cleaning function - filter replacement alarm & display - volumetric time setting - with 0.2μm final filter - produces UP water with TOC <10ppb - power supply: 230V, 50/60 Hz With Accessories: - Pretreatment system - RO membrane - UP pack - Level sensor - Power cord	1		₱ 402,287.80 <i>JA</i>



Purpose:

For production of high purity water to be used for laboratory analysis

	Requested by:	Approved by:
Signature	<i>[Signature]</i>	<i>[Signature]</i>
Printed Name	REMEDIOS V. ABGONA, PhD	ENGR. RAMON M. BRANZUELA
Designation	Chief, FUTD	OIC – Deputy Executive Director

PURCHASE REQUEST

Entity Name: Philippine Fiber Industry Development Authority

Fund Cluster 101

Office/Section:		PR No.: 19-04-214 Responsibility Center Code:		Date: March 29, 2019	
Stock/Property No.	Unit	Item Description	Quantity	Unit Cost	Total Cost
	unit	Muffle Furnace, Branded, Brand New Specifications: - Max. temperature: 1,100°C - Heat-up time: 155 mins. - Max. continuous operating temperature: 1,000°C - Volume of chamber: 7 liters - Maximum power: 4,000 W - Holding power: 2,624 W - Thermocouple type: K With Accessories: - (1) unit, perforated tray - (1) unit, loading handle With One (1) year warranty on parts and labor; With On-site installation and local training on operation and basic maintenance of the unit; Any incidental services for the installation of the unit should be at the expense of the supplier	1		₱ 480,000.00
XXXXXXXXXXXXXX	XXXXX	XXXXXXXXXXXXXXXXXXXXXXXXXXXXX	XXXXXXXX	XXXXXXXXXX Total	XXXXXXXXXXXXXX ₱ 480,000.00
		Charge to Capital Outlay 2018 Continuing appropriation			
<div style="float: right; border: 1px solid black; padding: 5px; width: 300px;"> PHILIPPINE FIBER INDUSTRY DEVELOPMENT AUTHORITY QUEZON CITY RECEIVED Date: 04/01/19 By: <i>[Signature]</i> BAC SECRETARIAT </div>					
<div style="float: right; border: 1px solid black; padding: 5px; width: 300px;"> 4/3/19 Purchase Request 19-04-214 budget is within the <u>FUTD</u> approved <u>2018 Continuing App.</u> <i>[Signature]</i> BAC Secretariat </div>					
Purpose: For ashing of fiber samples					
Requested by:		Approved by:			
Signature <i>[Signature]</i>		<i>[Signature]</i>			
Printed Name REMEDIOS V. ABGONA, PhD		ENGR. RAMON M. BRANZUELA			
Designation Chief, FUTD		OIC – Deputy Executive Director			