

PROCUREMENT OFFICE

CHECKLIST OF REQUIREMENTS FOR PROCUREMENT
(GOODS)

PROJECT TITLE: Various Laboratory Equipment for the "Antimicrobial Discovery in Mangrove Soils of Alabat Island, Quezon producing microorganisms from mangrove soils Alabat Island, Quezon (Year 1)"

END-USER: IRS

PR No. 11167

☒ PURCHASE REQUEST

☒ Complete description (Quantity, Unit, Unit Cost and Total Amount.

☒ Specifications.

☒ Terms and Conditions (e.g. warranty and delivery period.

☒ Signature of End-User.

☒ VCA

☐ PGH Director

☐ Chancellor

☒ Budget Clearance: ABC 5,150,000.00

☒ Fund Source: F184 - 2020105000(416)107-154

☒ Inclusion in the APP/SPPMP _____

Mode of Procurement :

☒ For Public Bidding (BAC III)

☐ Alternative Mode:

☐ Small Value (Procuring Unit/End-User)

☐ Shopping

☐ Direct Contrating due to _____

☐ _____

BAC3-2021- 69

Other instructions/remarks:

Miladilla A. Santiago
MILADILLA A. SANTIAGO, MPA

Director I

UPM-Pro-F2

Date: 9/25/2021



UNIVERSITY OF THE PHILIPPINES MANILA

Taft Avenue, Manila, Metro Manila, NCR
VAT Reg. TIN: 000-864-006-00005

Purchase Request

Entity Name: UP Manila

Fund Cluster: 07

PPMP No.:

Office/Section: UPM Institute of Pharmaceutical Sciences	PR No.: 14402 Responsibility Center Code: MA04092001 - D0001034	Date: Jul 22, 2021
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Stock/Property No.	Unit	Item Description	Quantity	Unit Cost	Total Cost
	un	Biosafety Cabinet Class II Type A2 Electrical Data 220V + 10% Power – 1300 VA Power of Blower – 350W Airflow Circulation 220/50 Main Filter Typical Efficiency – ULPA 99.9995% at 0.12um	1	500,000.00	500,000.00
	un	Freeze Dryer Table Top Ice Capacity – 2 Liters Total Ice Capacity – 3 Liters Condenser Temperature: -70 to -85°C External Dimensions (W x D x H) 800 x 650 x 400 mm Refrigeration: 3/8 HP Electrical: 220V 60 Hz	1	1,500,000.00	1,500,000.00
	un	Incubator - Microbiological Incubator Dimensions 14.3 cu. Ft. (405 L) 30.3 x 30.6 x 60.8 inches (L x W x H) Microprocessor Control with Vacuum Fluorescent Display Gravity Convection Technology	1	600,000.00	600,000.00
	un	Mini Spin Centrifuge Specifications: Speed: 500-12500 RPM RCF: 15-9800 x g Power: Universal double insulated, power adapter, 220V Dimensions: 20.3 x 17.1 x 11.4 cm	1	100,000.00	100,000.00
	un	Orbital Temperature Shaker Benchtop Temperature range: 12 degree Celsius below ambient to 60 degree Celsius Temperature Accuracy: + 1.0 degree Celsius at 37 degree Celsius Temperature Increment: + 0.1 degree Celsius	1	500,000.00	500,000.00
	un	PCR Thermocycler 96 well, gradient block – Compatible with regular profile or low profile 0.2 mL PCR tube, strip, non-skirted, semi-skirted and full-skirted 96-well plate Block Temperature Block Temperature range: 4.0-100°C Max.	1	650,000.00	650,000.00
	un	Ultra High Speed Refrigerated Centrifuge General Features: LCD screen shows RPM and RCF, time, temperature and acceleration/deceleration (PCBS) Speed programming in 50 RPM/50 x g steps	1	550,000.00	550,000.00
	un	Ultralow Freezer Dimensions: 13 cu ft. (363 L) External Dimensions (W X D X H): 710 x 885 x 1980 mm The unit shall have: 1 Solid outer door with ergonomically designed handle and 3 individual inner doors	1	750,000.00	750,000.00

Grand Total 5,150,000.00

Purpose: Laboratory Equipment for the project entitled, "Antimicrobial Discovery in Mangrove Soils of Alabat Island, Quezon producing microorganisms from mangrove soils of Alabat island, Quezon (Year1)"

Signature: Printed Name: Designation:	Requested by: Arollado, Prof. Erna Custodio Director	Approved by: Samaniego, Dr. Arlene Alcázar, MD Vice Chancellor for Administration
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FUNDS AVAILABLE FOR PRD
CHARGEABLE AGAINST

ERWIN A. DANDO
Chief Accountant, UPM

09062021
SEP 07 2021

SPECIFICATIONS (PR 14402)

PCR THERMOCYCLER

(Minimum requirements)

96 well, gradient block – Compatible with regular profile or low profile 0.2 mL PCR tube, strip, non-skirted, semi-skirted and full-skirted 96-well plate

Block Temperature

Block Temperature range: 4.0-100°C

Max. Heating/Cooling Rate: 5.5°C/sec / 3.3°C/sec

Temperature Accuracy/Uniformity: $\pm 0.3^{\circ}\text{C}$ / $\pm 0.3^{\circ}\text{C}$

Adjustable Ramp Rate: 0.1-5.5°C/sec

Gradient Temperature

Gradient Direction: Horizontal across the block

Gradient Temperature Range: 30-100°C

Gradient Temperature Difference: Max. span 30°C

Heated Lid

Temperature Setting Range: 35-120°C or off

Temperature Accuracy: $\pm 1.0^{\circ}\text{C}$

General Specifications:

Display: 7" color LCD with capacitive touch panel

Data Port: 1 USB Type-A front port for USB flash drive

Auto Restart after Power Outage: Yes

Dimensions: 225 x 245 x 415 mm

Power Supply: 220V

Terms and Conditions:

1. Notarized certificate that the product is brand new, not reconditioned/refurbished including parts and accessories.
2. Free delivery and installation should be done within 60-90 days commencing on the date of acceptance of Notice to Proceed (acknowledgement by supplier through email constitutes date of acceptance).
3. Undertaking to provide product orientation and operations training for end-user and troubleshooting training for research staff within seven days after completion of installation.
4. Provide regular quarterly preventive maintenance and calibration during the warranty period.
5. At least 1 year warranty on parts and services. Warranty period shall commence from the date of acceptance by the end-user, testing and commissioning.
6. Price should be inclusive of all applicable taxes.

Requested by:



ERNA C. AROLLADO, RPh, PhD

Project Leader

Director

Institute of Pharmaceutical Sciences

National Institutes of Health

University of the Philippines Manila



ANNEX A

Equipment	Specifications	
	Original	Revised
Ultralow Freezer	External Dimension (W x D X H): 710 x 885 x 1980 mm The main body should be electro-galvanized (Zinc-coated) steel for long service life	Maximum External Dimension (W x D X H) 710 x 885 x 1980 mm The main body should be electro-galvanized (Zinc-coated) steel or stainless steel for long service life
Biosafety Cabinet	Power of Blower – 350W	Power of Blower – minimum of 350W
PCR Thermocycler	Data Port: 1 USB Type-A front port for USB flash drive Heated Lid: Temperature setting Range: 35-120°C	Data Port: 1 USB Type-A front or back or side port for USB flash drive Heated Lid: Temperature setting Range: 35-112°C
Ultralow Freezer Incubator Biosafety Cabinet Orbital Temperature Shaker	Terms and Condition: 2. Free delivery and initial installation should be done within 60-90 days commencing on the date of acceptance of Notice to Proceed (target location for initial installation is at the College of Pharmacy, UP Manila). Note that acknowledgement by supplier through email constitutes date of acceptance. Free transfer and reinstallation should be provided (target location for transfer and reinstallation is at the new NIH building upon completion).	Terms and Condition: 2. Free delivery and initial installation should be done within 60-90 days commencing on the date of acceptance of Notice to Proceed (target location for initial installation is at the 4 th floor of College of Pharmacy, UP Manila). Note that acknowledgement by supplier through email constitutes date of acceptance. Free transfer, reinstallation and recalibration should be provided within 2 years upon initial installation (target location: at the new NIH building upon completion).
PCR Thermocycler Freeze Dryer Mini Spin Ultra High Speed Refrigerated Centrifuge	Terms and Condition: 2. Free delivery and initial installation should be done within 60-90 days commencing on the date of acceptance of Notice to Proceed (target location for initial installation is at the Institute of Pharmaceutical Sciences, National Institutes of Health). Note that acknowledgement by supplier through email constitutes date of acceptance. Free transfer and reinstallation should be provided (target location for transfer and reinstallation is at the new NIH building upon completion).	Terms and Condition: 2. Free delivery and initial installation should be done within 60-90 days commencing on the date of acceptance of Notice to Proceed (target location for initial installation is at the 2 nd floor of the Institute of Pharmaceutical Sciences, National Institutes of Health). Note that acknowledgement by supplier through email constitutes date of acceptance. Free transfer, reinstallation and recalibration should be provided within 2 years upon initial installation (target location: at the new NIH building upon completion).
ALL EQUIPMENT	Terms and Condition: 4. Provide regular quarterly preventive maintenance and calibration (and recalibration upon reinstallation) during the warranty period.	Terms and Condition: 4. Provide annual preventive maintenance and calibration during the warranty period.