



College of Pharmacy
University of the Philippines Manila



31 May 2021

Tristan Nathaniel C. Ramos, DDM, MPH
Chair, Bids and Awards Committee 3
University of the Philippines Manila

Subject: Request for changes and additional specifications for PR 13454

Dear **Sir Tristan**:


Good day!

May we please request for the following changes and additional specifications for 2 items in PR 13454:

1. **Analytical Balance:**
Change Power supply from 230V to **210-240V± 10%, 50-60Hz**
Additional specifications: **Must include Accuracy Calibration Certificate, GWP Verification, Exc Analytical IPac Standard**
2. **Desktop Computer:**
Change Microsoft Office 365 to **Microsoft Office 2019 Package**

Thank you very much!

Respectfully,


JOANNA V. TORALBA, RPh, MS
Laboratory Manager, UP DARL
University of the Philippines Manila

FAIRNESS INTEGRITY RESPECT SERVICE TRANSFORMATIVE
LEADERSHIP

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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 College of Pharmacy		PR No.: 13454 Responsibility Center Code: MA03040001 --		Date: Mar 12, 2021	
Stock/Property No.	Unit	Item Description	Quantity	Unit Cost	Total Cost
	un	Analytical Balance	1	800,000.00	800,000.00
	un	Automated Solid Phase Extraction System	1	7,500,000.00	7,500,000.00
	un	Desktop Computer	1	100,000.00	100,000.00
	un	Evaporator	1	1,750,000.00	1,750,000.00
	un	Positive Pressure Manifold	1	300,000.00	300,000.00
	un	Refrigerated Centrifuge	1	500,000.00	500,000.00
	un	Screening Analyzer	1	8,500,000.00	8,500,000.00
	un	Ultralow Freezer	1	730,566.78	730,566.78
Grand Total					20,180,566.78

Purpose: Laboratory equipment for the project entitled: "Establishment of the University of the Philippines Manila Drugs of Abuse Research Laboratory"

- P/s. attached specifications for each equipment.

Certified that all items listed in Purchase Request No. 13454 were included in the 2021 Annual Procurement Plan submitted by UP Manila.
Mode of Procurement: COMPETITIVE BIDDING
Erwin A. Dando
ERWIN A. DANDO, MPA
Director, UPM-Procurement Office 4/23/2021

FUNDS AVAILABLE FOR PR: 20,180,566.78
CHARGEABLE AGAINST: 160 - 2030101200
Erwin A. Dando
ERWIN A. DANDO
Chief Accountant, UPM

APR 29 2021

Signature:	Requested by: <i>Carissa Paz Canave</i>	Approved by: <i>Erwin A. Dando</i>
Printed Name:	Dioquino, Dr. Carissa Paz Canave	Padilla, Dr. Carmencita David MD, MAHPS
Designation:	Project Leader	Chancellor

Report generated with UP eBusiness Suite Release 12 on April 22, 2021 17:44:47

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UPM - Procurement Office

RECEIVED
MAY 18 2021
SPENCER H. SESE
Office Aide (RD)

PURCHASE REQUEST

Entity Name: _____

Fund Cluster: _____

Office/Section: UPM Office of the Vice Chancellor for Research		PR No.:			Date:	
		Responsibility Center Code :				
Stock/ Property No.	Unit	Item Description	Quantity	Unit Cost	Total Cost	
	1	Analytical Balance	1	800,000.00	800,000.00	
		Specifications of Analytical Balance				
		Maximum Capacity: 320 g				
		Minimum Display: 0.1 mg				
		Repeatability(test weight): 0.08 mg (10 g)				
		Repeatability (typical): 0.04 mg				
		Guaranteed Repetability: 0.08 mg				
		Linearity: $\pm 0.3\text{mg}$				
		Response Time: max 1.5 seconds				
		Operating Ambient Temperature: 5-40 °C				
		Humidity Limits: 20-85%				
		Temperature Coefficient Sensitivity (ppm/°C): $\pm 2\text{ppm}/^\circ\text{C}$ (no condensation)				
		Weighing Pan Dimensions (WxD): 78 mm x 73 mm				
		Calibration: Internal				
		With dust protection cover				
		Color touchscreen (glove compatible)				
		Automatic draft shield side doors				
		GWP Approved				
		Minimum Weight warning function				
		Balance ready Status Light				
		Level Control: Level warning with graphical levelling guide				
		Power Supply: 230 V				
		Offer should also include the following:				
		Set of accessories for small preparation weighing				
		Set of weights				
		Warranty, parts, and preventive maintenance should be at least two (2) years				
		Warranty period shall commence from the date of acceptance by the end-user after installation,				
		Delivery and installation should be done within forty-five (45) calendar days commencing on the				
		Installation of the equipment and initial operation of service engineer				
		Qualified service engineer must perform Installation Qualification (IQ) and Operational Qualification (OQ)				
		Training of at least 2 personnel to troubleshoot and maintain equipment				
		Annual preventive maintenance and calibration from the distributor's qualified technician during the warranty period				
		Availability of trained service engineers with guaranteed uptime within 48 hours for troubleshooting and repair of unit				
		All parts of the equipment and its accessories must be identified by part number or accessory number				
		Operations and service manual must be provided				
		Certification/guarantee on availability of parts, accessories, supplies for the next 10 years or more				
	1	Automated Solid Phase Extraction System	1	7,500,000.00	7,500,000.00	
		Specifications of Automated Solid Phase Extraction System				
		Unit equipped for both SPE,LLE and SLE analysis				
		▣ 24 Position Configuration Utilize 4 pipette channels in parallel to process columns in either 1, 3 or 6 mL sizes.				
		Using 24 position configuration				
		▣ Software includes gradient flow control and used in combination with the flow through plate, plate lifter with vacuum assisted waste stream to prevent cross talk and sample to sample contamination				
		▣ positive pressure unit for your method; SPE, SLE, PLD				

or PPT

- L Solvent capacity 5 solvent pumps with automatic feed in from external reservoirs, with additional capacity for an extra 5 manually filled solvent reservoirs (5 x 25 mL or 5 x 100 mL)
- Γ Pressure unit 0–5 bar positive pressure (0.1 bar increments)
- Γ 24-position extraction racks for 1, 3, and 6 mL columns (A, B, and C format)
- Plate positions 6 position upper deck used for sample, extraction plates, pipette tips and solvents. 4 positions on lower deck carousel for multiple elution and waste
- L Inert gas supply: AIR port requirements: >5 L/min and N2 port requirements: 1 L/min
- Γ Disposable tips 1000 µL clear tips
- Γ Interfaces: Touch screen 12" Capacitive Touch; Ethernet LAN Complies with IEEE 802.3 (ANSI 8802-3); USB 2.0
- Parallel positive pressure extraction both Column and 96 well plate
- Touch panel interface
- L Small footprint
- L Tip Solvent/sample handling

Offer should also include the following:

Warranty, parts, and preventive maintenance should be at least two (2) years

Warranty period shall commence from the date of acceptance by the end-user after installation, testing and commissioning

Delivery and installation should be done within forty-five (45) calendar days commencing on the 3rd working day of notification

Installation of the equipment and initial operation of service engineer

Installation includes a circuit breaker

Qualified service engineer must perform Installation Qualification and Operational Qualification

Training of at least 2 personnel to troubleshoot and maintain equipment

Annual preventive maintenance from the distributor's qualified technician during the warranty period

Availability of trained service engineers with guaranteed uptime within 48 hours for troubleshooting and repair of unit

All parts of the equipment and its accessories must be identified by part number or accessory number

Operations manual must be provided

Certification/guarantee on availability of parts, accessories, supplies for the next 10 years or more

1	Desktop Computer	1	100,000.00	100,000.00
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Specifications of Desktop Computer

CPU at least 7th Generation Core i7

RAM at least 8GB DDR4

4 TB HDD

Keyboard

Mouse

Continuous ink printer

Voltage regulator

21" LED Monitor

Offer must include:

OS: Microsoft Windows 10

Microsoft Office 365

1	Evaporator	1	1,750,000.00	1,750,000.00
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Specifications of Evaporator

Water Bath Temp. Range: Ambient to 90°C ± 2°C accuracy

Temperature Increase: Heating time from 20°C to 55°C is approximately 40 mins. or lower

Touch Screen Interface

Operating Temp.: 18°C to 32°C

Storage Temp.: -25°C to 60°C

Humidity: 20% to 90% RH (non-condensing)

Electrical Supply: 220-240 V at 50/60 Hz

Fuses: F10A at the power inlet (1 required)

Max Power Consumption: 1000VA

Max Sound Level: 75 dB(A) or lower


TurboVap I.V Multi Rack- at least 48 positions for 10-20 mm (OD) x <75-165 mm (length) tubes

Chemical-resistant

		Additional Inclusions			
		Warranty is at least 2 years. Service repair and part replacement are free of charge for the duration of the warranty.			
		Delivery and installation should be done within sixty (60) calendar days commencing on the 3rd working day of notification			
		Installation of the equipment and initial operation of service engineer			
		Qualified service engineer must perform Installation Qualification (IQ) and Operational Qualification (OQ)			
		Training of at least 2 personnel for the use of the equipment and software			
		Availability of trained service engineers with guaranteed uptime within 24 hours for troubleshooting and repair of unit			
		All parts of the equipment and its accessories must be identified by part number or accessory number			
		Operations and service manual must be provided			
		Certification/guarantee on availability of parts, accessories, supplies for the next 10 years or more			
	1	Positive Pressure Manifold	1	300,000.00	300,000.00
		Specifications of Positive Pressure Manifold			
		Can accommodate 6 well plates, or 1 mL, 3 mL and 6 mL SPE columns			
		GAS SUPPLY			
		Minimum Pressure 60 psi (4.1 bar) Maximum Pressure 100 psi (6.9 bar) Optimum Pressure 80 psi (5.5 bar)			
		HUMIDITY			
		10-80% RH			
		Operating Temperature: 5-40°C			
		Offer should also include the following:			
		Warranty, parts, and preventive maintenance should be at least two (2) years			
		Warranty period shall commence from the date of acceptance by the end-user after installation, testing and commissioning			
		Delivery and installation should be done within forty-five (45) calendar days commencing on the 3rd working day of notification			
		Installation of the equipment and initial operation of service engineer			
		Installation includes a circuit breaker			
		Qualified service engineer must perform Installation Qualification and Operational Qualification			
		Training of at least 2 personnel to troubleshoot and maintain equipment			
		Annual preventive maintenance from the distributor's qualified technician during the warranty period			
		Availability of trained service engineers with guaranteed uptime within 48 hours for troubleshooting and repair of unit			
		All parts of the equipment and its accessories must be identified by part number or accessory number			
		Operations manual must be provided			
		Certification/guarantee on availability of parts, accessories, supplies for the next 10 years or more			
	1	Refrigerated Centrifuge	1	500,000.00	500,000.00
		Specifications of Refrigerated Centrifuge			
		Temperature Range: -10° to +40°C			
		Max RPM: at least 10,000			
		Touch Screen Interface			
		Noise Level: 60dBA or lower			
		Rotors: adjustable or fixed angle			
		Power Supply: 230 V			
		Additional features:			
		Alarm for overheating or when lid is opened or other errors			
		Imbalance detection system			
		Speed indicator display; emergency stop			
		Emergency stop			
		Offer should also include the following:			
		Warranty, parts, and preventive maintenance should be at least two (2) years			
		Warranty period shall commence from the date of acceptance by the end-user after installation, testing and commissioning			
		Delivery and installation should be done within forty-five (45) calendar days commencing on the 3rd working day of notification			
		Installation of the equipment and initial operation of service engineer			
		Installation includes a circuit breaker			
		Qualified service engineer must perform Installation Qualification and Operational Qualification			
		Training of at least 2 personnel to troubleshoot and maintain equipment			
		Annual preventive maintenance from the distributor's qualified technician during the warranty period			
		Availability of trained service engineers with guaranteed uptime within 48 hours for troubleshooting and repair of unit			

		All parts of the equipment and its accessories must be identified by part number or accessory number			
		Operations manual must be provided			
		Certification/guarantee on availability of parts, accessories, supplies for the next 10 years or more			
	I	Screening Analyzer	1	8,500,000.00	8,500,000.00
		Specifications of Screening Analyzer			
		Performance Characteristics:			
		Accreditation: Internally accredited to full CE and UL certification			
		Analyzer Description: Semi-automated Biochip Array Analyser			
		Biochip Capacity: 9 Biochips on Evidence Investigator, 54 Biochips on Thermoshaker			
		Biochip Format: Biochip Carrier holds 9 individual biochips			
		Calibration method: Nine point calibration			
		Connectivity: LIMS integration			
		Data Back-up methods: Via writable DVD, CD, USB Mass-storage or Network folder			
		Environment Operating: temperature 16 to 25C			
		Relative Humidity < 80%			
		Altitude < 2000m			
		Pollution degree 2 (IEC 664)			
		Fuses : Mains Inlet Fuse (F1) T 2 A H 250V (20mm x 5mm) Motor Control Board (F1) T 1 A L 250V (20mm x 5mm) Incubation time Array-specific, 30-60 minutes			
		Installation Requirements : Evidence Investigator must be connected to a single-phase power supply Measurement Principal : Competitive, Sandwich and Antibody Capture techniques with Chemiluminescent reaction Network Services Highly Secure Remote Diagnostics, automated software and array updates Peripherals: Printer, barcode scanner, carrier handling rack, thermoshaker, PC and imaging software Quality Control: Levey-Jennings, user definable multipoint rules Reagent volume: Array specific, supplied in kits Sample Capacity: 9 samples onboard Sample Loading: Single carrier loading bay Sample throughput : Array specific Sample type: Array specific including Serum, Plasma, Whole Blood, Urine, Meat, Tissue, Feed, Honey, Milk, Cell Culture Supernatant, Stool, Oral fluid, Bronchoalveolar Lavage fluid, Forensic matrices Sample volume: Array specific; 25-150µl Start up / shut down time: On command Time to First Result: Array specific			
		Power Requirements			
		Input Voltage: Supply Voltage 100-120Vac, 60Hz, 22VA 200-240Vac, 50Hz, 30VA			
		Installation category II Camera Power Supply 100-240Vac, 47-63Hz, 1.35A			
		Water Requirements			
		Water Quality CLSI Type II or better			
		Unit must include:			
		1 unit PC, 1 unit printer, 1 unit 10kVA AVR,			
		Offer should also include the following:			
		Warranty, parts, and preventive maintenance should be at least two (2) years			
		Warranty period shall commence from the date of acceptance by the end-user after installation, testing and commissioning			
		Delivery and installation should be done within forty-five (45) calendar days commencing on the 3rd working day of notification			
		Installation of the equipment and initial operation of service engineer			
		Installation includes a circuit breaker			
		Qualified service engineer must perform Installation Qualification and Operational Qualification			
		Training of at least 2 personnel to troubleshoot and maintain equipment			
		Annual preventive maintenance from the distributor's qualified technician during the warranty period			
		Availability of trained service engineers with guaranteed uptime within 48 hours for troubleshooting and repair of unit			
		All parts of the equipment and its accessories must be identified by part number or accessory number			
		Operations manual must be provided			
		Certification/guarantee on availability of parts, accessories, supplies for the next 10 years or more			
	I	Ultralow Freezer	1	730,566.78	730,566.78
		Specifications of Ultralow Freezer			
		Capacity: at least 13 cubic ft with LED display			
		Holds 215-250 boxes			

	Temperature range: -50 to -86 deg.C			
	Comes with accessories: Two (2) pairs of cryogenic gloves			
	Six (6) plastic boxes for microcentrifuge tubes			
	Two (2) stainless steel tray for the boxes			
	Power Supply: 230 V			
	Offer should also include the following:			
	Warranty, parts, and preventive maintenance should be at least two (2) years			
	Warranty period shall commence from the date of acceptance by the end-user after installation, testing and commissioning			
	Delivery and installation should be done within forty-five (45) calendar days commencing on the 3rd working day of notification			
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	All parts of the equipment and its accessories must be identified by part number or accessory number			
	Operations manual must be provided			
	Certification/guarantee on availability of parts, accessories, supplies for the next 10 years or more			
Purpose: Laboratory equipment for the project entitled: "Establishment of the University of the Philippines Manila Drugs of Abuse Research Laboratory"				



CARISSA PAZ C. DIOQUINO, MD, MS
Project Leader, UP DARL