

SCAN HERE



PR-2023-0816-138714

Op 8/18/23 dm



Republic of the Philippines
VISAYAS STATE UNIVERSITY
Visca, Baybay City, Leyte

PURCHASE REQUEST

PPMP No. : **5-2-2097-2024-6-0-0**

PR No.: **GF-2023-08-01791**

Date: **08-16-2023**

Dept./Office: **DBS**

Category: **Laboratory
Equipment**

Section/End-User: **Alma . Gofredo**

Project Title/Code: **NEP 2024-Construction of
Vertebrate Anatomy Laboratory & Morgue**

Funding Source: **General Fund - CO**

Item #	Item Description	Unit	Qty	Unit Cost	PAR/ICS	Total Cost
1	2 Unit of Digital Electric Stereo Microscope with Camera Lucida	lot	1	76,000.00	ANALYN M. MAZO	76,000.00

Specification:

2 units Digital Electric Stereo Microscope w/ camira Lucida

Specifications:

HARDWARE

AR tilting trinocular tube SZX2-ARTTR • Angle of observation tube: 5 to 45 degrees

- **Maximum power consumption:** 10 W
- **Interpupillary distance adjustment range:** 57 to 80 mm
- Equipped with eyepiece clamping knob
- **Light-path switching mechanism:** present
- **Eyepiece magnification:** 1.25X; camera magnification: 1X
- Functions of buttons on the front panel: AR image brightness adjustment (7 levels) and AR image ON/OFF
- **Input connectors:** HDMI x 1, USB 2.0 (Type-C) x 1, DC jack x 1
- **Drive voltage:** AC 100–240 V (AC adaptor)
- **Camera lucida adapter:** present
- **Camera lucida included:** yes

Zoom magnification sensor Main Functions:

- Set the zoom magnification (at click positions only)
- Move slides created on the software forward and backward
- **Output connector:** USB 2.0 Type-C

Recording:

• **File saving formats:** mp4, mov; Video codec: H264

• **Audio format:** MP3; Audio codec: mp3

2	35 lab chairs , 5 aluminum shelves	lot	1	176,000.00	ANALYN M. MAZO	176,000.00
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Specification:

35 pcs. Stacking Chair

- Width: 20 inches
- Height: 32 1/2 inches
- Arms: Without Arms
- Assembled: Assemble Required
- Back: With Back
- Color: Black
- Features: Stackable
- Frame Color: Silver
- Frame Material: Steel
- Padded Seat: Without Padded Seat
- Seat Material: Plastic
- Shape: Rectangle
- Style: Solid Back
- Type: Chairs
- Usage: Breakroom Indor



5 pcs. 5-Layer Steel Cabinet with Glass Sliding Doors

Product specifications

- **Color:** Beige, Light Gray, Offwhite
- **Material/s Used:** Ga24 Metal Sheet, Heavy Duty Ball Bearing Rollers, Powdercoated Painting Finish
- **Dimension (WxDxH):** 900X4000X1850



< -50 degrees Celsius (Negative 50 degrees Celsius)

< Dual Compartment

< Any Color

< With Safety Lock

< Interior Light

5	Drying Oven for Laboratory	unit	2	87,500.00	CHERYL C. BATISTEL	175,000.00
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Specification:

Drying Oven

Item Specification

Stainless steel interior:

< **Dimensions** -w(A) x h(B) x d(C): 400 x 560 x 330 mm (d less 39 mm for fan)

< **Interior**- easy-to-clean interior,made of stainless steel, reinforced by deep drawn ribbing with integrated and protected large-area heating on four sides

< **Volume** 74 l

< **Max. number of internals** 6

< **Max. loading of chamber** 120 kg

< **Max. loading per internal** 20 kg

Textured stainless steel casing:

< **Dimensions** w(D) x h(E) x d(F): 585 x 944 x 514 mm (d +56mm door handle)

< **Housing** rear zinc-plated steel

Electrical data

< **Voltage** - 230 V, 50/60 Hz

< **Electrical load** - approx. 2500 W

< **Voltage** - 115 V, 50/60 Hz

< **Electrical load** - approx. 1800 W

6	Laboratory Refrigerator	unit	1	120,000.00	BERNA LOU A. REGIS	120,000.00
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Specification:

Specification:

- **Temperature Control** Microprocessor control, Large LED display inner temperature clearly, and with easy view The inner temperature can be adjustable at the range of 2?~8? with an increment of 0.1; Multiple sensors to display or control the temperature; The Lowest and Highest temperature recorded value record.
- **Safety Control Malfunction alarms:** high-temperature alarm, low-temperature alarm, Power failure alarm, Door jammed, low voltage of backup battery. Over temperature alarm system, set the alarm temperature as requirements; Three alarming methods: buzzer alarming, digital flashing alarming and Remote alarm; Protection function: power-on delay, time between stops; Temperature recorder monitor system ?Optional?. Refrigeration System Highly efficient famous brand compressor and fan; Forced-air circulation for large airflow with special air ducts to guarantee inner temperature consistency. Large area of the evaporator design, cooling strong and high-temperature uniformity, While effectively suppressing frost, reducing defrosting process.
- **CFC-Free/HCFC refrigerant.**Ergonomic Design Safety door lock, preventing unauthorized access; Auto defrost function guarantees a good performance in high ambient temperature and humidity area; Wide voltage design from 192V to 242V; Inner LED lighting and caster design; No condensation glass door; Adjustable shelf design? Foaming door is optional; Stopper on rear against back wall. Cabinet Type Vertical Climate Class ST Cooling Type Forced air cooling Defrost Mode Auto Refrigerant HC, R600a Cooling performance(?) 4 Temperature Range(?) 2?8 Controller Microprocessor Display LED Alarm Audible, Remote Interior Galvanized steel powder coating?white? Exterior Galvanized steel powder coating?white? Power Supply(V/Hz) 220/50 Power(W) 240 Capacity(L) 395 Net/Gross Weight(approx) 95/115 (kg) Interior Dimensions(W*D*H) 500×510×1550 (mm) Exterior Dimensions(W*D*H) 600×650×1785 (mm) Packing Dimensions(W*D*H) 660×710×1885 (mm) Container load (20'/40'/40'H) 27/54/54 High/Low Temperature Y Remote Alarm Y Power Failure Y Sensor Failure Y Low Battery Y Door Ajar Y Lockage Y Inner LED light Y Foot N Caster Y Test Hole Y Shelves/Inner Doors 6/- Foaming Door optional USB Interface Y Temperature Recorder optional

7	Laboratory working table	unit	4	58,500.00	ANALYN M. MAZO	234,000.00
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Specification:

Frame: steel structure; Cabinet: use high quality galvanized steel sheet, surface coated with epoxy powder; Table top: made of 12.7mm thickness corrosion-resistant black phenolic resin board, with 25.4mm thickness edge sealing; Hinges: open type high quality hinges, self-closing; Handle: aluminum dark type handle, with 3 pcs sockets and covers, 220V

8	Manual Sphygmomanometer, Automatic Blood Pressure Monitor, Pulse Oximeter, Stop Watch, Alcohol Thermo	lot	1	100,000.00	RIS MENOEL R. MODINA	100,000.00
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Specification:

Manual Sphygmomanometer, Automatic Blood Pressure Monitor, Pulse Oximeter, Stop Watch, Alcohol Thermo,, Dissection pans with wax, Dissection pans with wax, Bone saw, Teasing needles, Dissect, Serrated forceps, Thumb forceps, Fine-tip forceps, Scalpel handle, boxes Surgical blades , Mayo Dissecting scissors,

Push carts, Sedgewick-Rafter Counting Cell

Item Specification

2 pcs. Manual sphygmomanometer

- with calibration key
- Measure scope 0-300mmHg
- Accuracy: +/-33mmHg

- Sub-division: 2mmHg

2 pcs. Digital sphygmomanometer/Automatic Blood Pressure Monitor

- clinically validated
- body movement detection
- blood pressure level indicator
- irregular heartbeat detection
- measurement memory storage
- average for last 3 readings within 10 minutes
- intellisense technology

2 pcs. Pulse oximeter

- Pulse Rate, Blood Oxygen Saturation (SpO2), Heart Rate
- Measurement range: 70~99%
- Resolution: 1% Power Source:
- Rechargeable Accuracy: 3% (70%~99%)
- Measurement range: 30~240 bpm
- Resolution: 1% Accuracy: 2bpm or 2% (select larger)
- Low Perfusion: 0.4%
- Working Current: 30mA
- Dimension & Weight: 58*36*33mm, 32g

2 pcs Stop Watch

- Large screen. display
- Counts up to 24 hours with a resolution of 1/100 second
- with lap function, alarm, clock, and calendar
- Includes battery

10 pcs. Alcohol Thermometer 200 °C

- unit scale: degree Celsius
- range: max 200 degree Celsius
- length: approx 30cm
- material: traditional glass
- alcohol thermometer mounting: tube type

Item Specification

>10 pcs. Dissection pans with wax Dimensions: 16x9 inches- Aluminum/stainless steel material

>20 pcs. Dissection pans with wax 10x7.5 inches-Aluminum/stainless steel material

>5 pcs. Bone saw

>30 pcs. Teasing needles Stainless steel handle with a straight metal probe

>30 pcs. Dissecting probe Stainless steel handle with a bent needle

>30 pcs. Serrated forceps Stainless steel material, medium points, serrated tips -6 inches long

>30 pcs. Thumb forceps Stainless steel material, smooth tip

>30 pcs.Fine-tip forceps Stainless steel material, straight tip

>40 pcs.Scalpel handle (size 4) without blade Stainless steel material with satin finish

>2 pcs. boxes Surgical blades Size 21

>1 box Surgical blade Size 10

>1 box Surgical blade Size 11

>30 pcs.Mayo Dissecting scissors Stainless steel material, straight bladed scissors

>30 pcs. Mayo dissecting scissors Stainless steel material, Curved bladed scissors

>5 pcs. Push carts Stainless steel With wheels 30inches height 3 layers

5pcs.Sedgewick-Rafter Counting Cell

Item Specification

Material: Brass and Glass

Lenght (") 3

Sample volume: 1.0 ml, cell size 50x201x1mm

Width(cm): 2.54

Lenght (cm): 7.62

Description: Gridded Sedgewick-Rafter Counting Cell, brass, 1.0ml

9	Microscope with Camera Lucida with Storage Cabinet	unit	2	62,000.00	ANALYN M. MAZO	124,000.00
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Specification:

Stereo microscope with drawing tube (camera lucida) and dry storage cabinet

Specification:

Zoom ratio: 10:1

Zoom range: 0.75x-7.5x

Zoom control: Dual, graduated, bilateral amount

Focus: Course and fine focus

Magnification: 7x-45x (10x eyepieces)

Viewing head: Tilting ergonomic binocular viewing head

Revolving nosepiece: manual, standard type

Extendable Eyepoint adjuster: yes

Camera port: yes, camera mount adapter

Attachment for drawing tube: yes

Drawing tube or camera lucida: yes, detachable

Transmitted light stand: yes - brightfield/darkfield light base

Primary light: 6V 30W

Accessory light: 6V 30W

Light type: Halogen

Stage plate: clear and black

Objective dust cover: yes

Power cord: yes

10	Nerve Muscle Assembly/ Kymograph Assesmbly	unit	1	100,000.00	RIS MENOEL R. MODINA	100,000.00
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Specification:

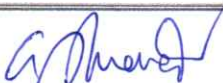

Kymograph Set



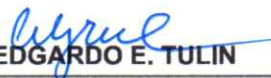
Specification:

- Universal Kymograph (speeds 0.12, 0.25, 1.25, 2.5, 12.5, 25, 320, 640 mm/sec) with inbuilt Stimulator
- Muscle and heart Bath with pair of electrodes, lever assembly, pin and ink marker
- Hook and weight set, set of 11g
- Hook and weight set, set of 110g
- Time marker
- Marriote bottle and stand
- Kymograph paper
- Dissection box
- Dissection tray
- Pithing needle
- Muscle clip
- Connecting wire

	TOTAL					1,360,000.00
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Purpose: Laboratory Use

Checked by:  ELIZABETH S. QUEVEDO TWG - Laboratory Equipment	Funds Available:  ALICIA M. FLORES HEAD, BUDGET OFFICE <i>OK 00-2024 301 TCR</i>
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Signature:	Requested by: 	Noted by: 	Approved by: 
Printed Name:	ALMA . GOFREDO	ANALYN M. MAZO	EDGARDO E. TULIN
Designation:	END USER	UNIT HEAD, PROJECT LEADER	PRESIDENT, VSU