


 OP# 986
 6/28/21

PURCHASE REQUEST

Dept./Office: **DARI**PR #: **GF-2021-06-00377**Date: **06-22-2021**Section/End-User: **Chinelo M. Cardaño**Category: **Laboratory Supplies**Funding Source: **General Fund - MOOE**Project Title/Code: **VSU-IP-2021-11**

Item #	Item Description	Unit	Qty	Unit Cost	PAR/ICS	Total Cost
1	0.5-10 ?L pipette tips (white)	unit	1	1,000.00	CHINELO M. CARDANO	1,000.00
Specification: ?36010300, 0.5-10 ?L pipette tips (white)						
2	1000 ml Type 1, class A borosilicate glass Beaker	pcs	5	1,000.00	CHINELO M. CARDANO	5,000.00
Specification: 1000 ml Type 1, class A borosilicate glass Beaker						
3	1000 ?L pipette tips (Blue)	unit	5	350.00		1,750.00
Specification: ?732012 1000 ?L pipette tips (Blue)						
4	200 ul Standard tip graduated (Yellow)	unit	5	500.00		2,500.00
Specification: 110-705Y, 200 ul Standard tip graduated (Yellow)						
5	3 layer Non-woven surgical face mask	boxes	10	200.00		2,000.00
Specification: 3 layer Non-woven surgical face mask						
6	50 mL High Clarity PP Centrifuge Tube, Conical Bottom, Sterile, 25/Bag	bags	5	1,250.00	CHINELO M. CARDANO	6,250.00
Specification: 352070- 50 mL High Clarity PP Centrifuge Tube, Conical Bottom, Sterile, 25/Bag						
7	500 ml Type 1, class A borosilicate glass Beaker	pcs	5	700.00	CHINELO M. CARDANO	3,500.00
Specification: 500 ml Type 1, class A borosilicate glass Beaker						
8	5000 ul pipette tips (Neutral)	unit	1	500.00		500.00

Specification: ?36015000B, 5000 ul pipette tips (Neutral)						
9	96 well plates, polypropylene	pack	1	18,500.00		18,500.00
Specification: ?96W Microplate ?well working volume 50-300 ?L ?clear polypropylene wells round bottommaximum volume 355 ?L ?DNAse/RNAse free ?Non-pyrogenic by LAL method to <0.06 EU/mL ?at least 100 EA per pack						
10	Agar Agar	kilos	3	2,800.00		8,400.00
11	Alcohol, Denatured	gallons	10	253.00		2,530.00
12	Alcohol, Ethyl, 95% (Tech)	liters	20	115.00		2,300.00
13	Alginate Acid Sodium Salt, Powder, 500g/btl	btl	7	29,250.00		204,750.00
Specification: Synonym: Sodium alginate Powder form 500 G in poly bottle Application: research, as encapsulating agents of microparticles, alginate hydrogel preparations						
14	Ammonium Phosphate Dibasic	btl	1	1,000.00		1,000.00
Specification: Analytical Grade 500 G bottle						
15	Bacillus Agar Medium	btl	1	30,000.00		30,000.00
Specification: Powder form 500 G Suitable as differential medium for rapid identification of Bacillus species						
16	Beaker, Glass, 100mL	pc	24	500.00	CHINELO M. CARDANO	12,000.00
Specification: ?100mL capacity, borosilicate glass						
17	Beaker, Glass, 2000mL	pc	5	1,000.00	CHINELO M. CARDANO	5,000.00
Specification: ?2000mL capacity, borosilicate glass						
18	Buffer solution, pH 7, 1000 ml.	btl	2	1,000.00		2,000.00
19	Calcium Chloride	kgs	3	1,500.00		4,500.00

Specification: AR grade; 500g						
20	Calcium Chloride Dihydrate	btl	3	2,000.00		6,000.00
Specification: ?Branding the chemical to be purchase is following the protocol set for the project's protocol and standards ?Chemical must be plant tissue culture tested for at least 20 years ?ISO complaint ?ACS REAG ?PH EUR ?meets USP Standards ?Bioreagent suitable for cell culture ?500g						
21	Calcium Phosphate	btl	1	1,500.00		1,500.00
Specification: Analytical Grade 500 G						
22	Culture Tube, 70 mL capacity	Box of 50's	2	14,850.00	CHINELO M. CARDANO	29,700.00
Specification: Rimless Borosilicate glass 25x200mm Round-bottom						
23	Delicate Task Wipes	boxes	10	800.00		8,000.00
Specification: ?4.4 x 8.4 inches (11 x 21 cm) ?280 sheets/box ?lint-free						
24	Dessicator, Glass	pc	1	14,000.00	CHINELO M. CARDANO	14,000.00
Specification: 1165V74 Dessicator, Glass, 300mm (12")						
25	Dextrose, Powder, AR, 250g/btl	btl	1	6,000.00		6,000.00
Specification: Powder, Analytical Reagent, 250g/btl						
26	Dimethyl sulfoxide, Analytical reagent	L	2	2,500.00		5,000.00
27	Disodium Hydrogen Phosphate Heptahydrate, AR, 500g/btl	btl	3	3,000.00		9,000.00
Specification:						

Analytical Reagent, 500g/btl						
28	Dry Heat Sterilizer, IR 002, 28L	pc	1	9,000.00	CHINELO M. CARDÃO	9,000.00
29	Erlenmeyer Flask, Glass, 500mL	pcs	24	1,000.00	CHINELO M. CARDÃO	24,000.00
Specification: ?500mL capacity, borosilicate glass						
30	Ethanol	btls	5	1,800.00		9,000.00
Specification: ?AR, at least 95%v/v, 4L						
31	Ferrous Sulphate	btl	1	1,500.00		1,500.00
Specification: Analytical Grade 500 G						
32	Filter Paper	box	5	600.00		3,000.00
Specification: ?Filter Paper No.1 ?Qualitative Circles 125mm (12.5cm) ?Qty/box: 100 pieces per box ?Porosity: Medium ?Flow Rate: Medium						
33	Filter Paper, 12.5 cm. Ashless #42	boxes	5	1,150.00		5,750.00
34	Glacial Acetic Acid	btl	3	3,500.00		10,500.00
Specification: Analytical Reagent grade 2.5L per bottle						
35	Gloves, Nitrile, Medium	box	5	500.00		2,500.00
Specification: ?Glove Type: Chemical Resistant Disposable Gloves ?Glove Material: Nitrile ?Powder-Free ?1 box of 100 or 50 pairs ?Food Safe ?Size: Medium						
36	Gloves, Nitrile, Small	box	10	500.00		5,000.00
Specification: • box or 100-50 pairs, small • natural rubber latex-free, powderless • micro grip						
37	Glycerol	btl	1	8,450.00		8,450.00
Specification:						

- Molecular biology grade, 99.0% assay quality
- Suitable for cell culture, insect cell culture, and electrophoresis
- Dnase-free, Rnase-free, NICKase-free, and protease-free
- Liquid form
- Bottle of 500mL

38	Graduated Cylinder, Glass, 250mL	pc	5	600.00		3,000.00
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Specification:

?Material: Borosilicate Glass

?Good Quality

39	Hexane 2.5L	btl	3	2,500.00		7,500.00
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Specification:

Analytical Reagent Grade 2.5L per bottle

40	High Precision Stainless Steel Digital Vernier Caliper	pc	1	2,500.00	CHINELO M. CARDANO	2,500.00
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Specification:

6 inches; 0.01-0.025 mm accuracy

41	Hydrophilic Membrane Filter	per 100 pcs.	1	20,000.00		20,000.00
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Specification:

Pore size: 0.22 um (micron)

material: PTFE

size range: 13 - 25 mm diameter

HPLC certified - for low levels of UV-absorbing extractables

42	Inoculating Loop Stainless Steel	pack of 10's	2	1,200.00	CHINELO M. CARDANO	2,400.00
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Specification:

?10PCS 1-6mm Inoculation Loop Nichrome Wire Lab Bacteria Culture Microbiology

43	Lab Gown Long Sleeves M	pcs	3	500.00	CHINELO M. CARDANO	1,500.00
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Specification:

?Lab Coat High-quality White

?Long Sleeves

?Medium size

44	Laboratory film	roll	5	2,000.00		10,000.00
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Specification:

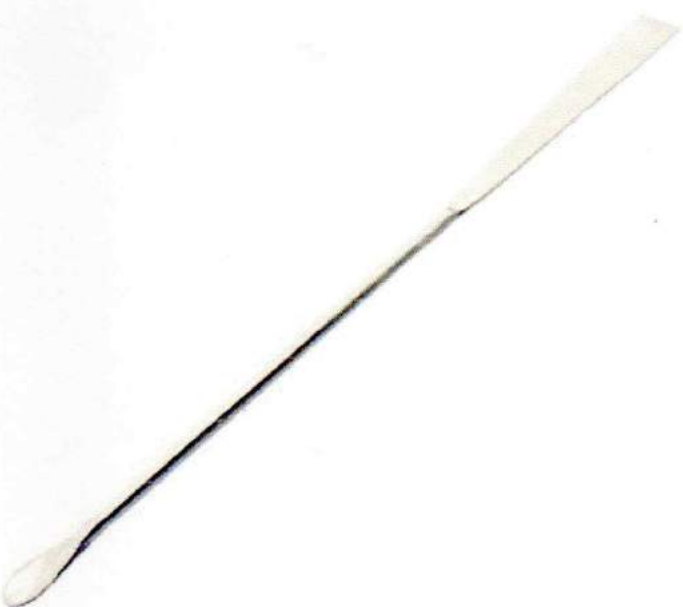
4 in. x 125 feet/roll, flexible, self-sealing, odorless, moisture-resistant, thermoplastic semi-transparent and practically colorless

45	Laboratory Weighing Boats	pieces	1	1,000.00		1,000.00
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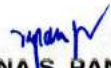
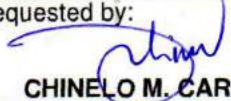
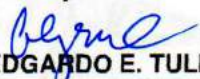
Specification: Plastic, 100 mL						
46	Labware Detergent or Laboratory Dishwashing Liquid	btl	5	2,500.00		12,500.00
Specification: • Suitable for manual, ultrasonic, and machine washing • Completely biodegradable • Free of phosphate, chlorine, enzyme, and EDTA • Contains anionic and cationic surfactants • 5 liters per bottle						
47	LB Broth	btl	5	1,150.00		5,750.00
Specification: ?100g/bottle						
48	Manganese Sulphate	btl	1	1,500.00		1,500.00
Specification: Analytical Grade 500 G						
49	Methanol 2.5L	btl	3	1,200.00		3,600.00
Specification: Analytical Reagent Grade 2.5L per bottle						
50	Microcentrifuge Tubes (1.5mL Capacity)	pack	3	1,000.00		3,000.00
Specification: • 1.5mL Capacity • clear • safe-lock • pack of 1000 • autoclavable						
51	Microcentrifuge Tubes (2.0mL Capacity)	pack	3	2,000.00		6,000.00
Specification: ?2.0mL Capacity ?clear ?safe-lock ?pack of 1000 ?autoclavable						
52	Micropipette Tip, 10 uL	pack	5	600.00		3,000.00
Specification: • 10 uL-capacity						

• Standard tip, graduated • Autoclavable • Pack of 1000 tips						
53	Microscope Slides and cover slips	pieces	2	370.00		740.00
Specification: ?Pre-Cleaned Blank slides with 100 22 x 22 mm square Cover Slip						
54	Microtube Storage Racks	pack of 10's	1	5,000.00	CHINELO M. CARDANO	5,000.00
Specification: 48 Place microtube and cryo-vial storage system Clear lid Fully autoclavable (122oC) and freezable (-190oC) Holds 1.5, 1.7, 2.0 ml microtubes Stackable can incorporate ice with frozen samples on bench						
55	N95 Particulate Filter Respirator and Surgical Mask	box	1	10,000.00		10,000.00
Specification: NIOSH and FDA approved Filters 99% of particles down to 0.1 microns 50pcs/box Free-size						
56	Nutrient Agar	btl	5	5,455.00		27,275.00
Specification: ?500g						
57	Petri dish	pc	50	200.00	CHINELO M. CARDANO	10,000.00
Specification: ?comprise a lid and base ?high clarity glass ?borosilicate glass ?size: ?Cover int. dia mm : 95 ?Base ext. dia mm: 94 ?Size: 100 x 20						
58	Pikovskaya Agar, Powder, 500g/btl	btl	1	30,500.00		30,500.00
Specification: suitable for microbiological studies						
59	Pipette Tips (20 ul)	packs	5	500.00		2,500.00

Specification: ?20 ul capacity ?autoclavable ?100 pcs per pack						
60	Potassium Chloride, AR, 1000g	btl	3	2,500.00		7,500.00
61	Potassium dihydrogen phosphate, AR	gms	1	500.00		500.00
62	Potassium sulfate, K2SO4	btls	3	1,600.00		4,800.00
Specification: Analytical reagent grade, 500g/bottle						
63	Potato Dextrose Agar (PDA), 500 grams	btl	2	4,500.00		9,000.00
64	Potato Starch	btl	3	4,000.00		12,000.00
Specification: Analytical Grade 500g						
65	Reagent Bottle 250mL	pcs	5	400.00	CHINELO M. CARDANO	2,000.00
Specification: amber colored bottle with HDPE blue screw cap, 250mL						
66	Reagent Bottle 500mL	pcs	10	500.00	CHINELO M. CARDANO	5,000.00
Specification: Amber colored bottle with HDPE orange screw cap, 500mL						
67	Silver	btl	1	15,000.00		15,000.00
Specification: 5 G/bottle form: nanopowder (particle size: >100 nm) 99.5 trace metal basis						
68	Silver Nitrate, AgNO3	btl	3	15,000.00		45,000.00
Specification: Analytical reagent grade, 100g/bottle						
69	Skim Milk	btl	1	5,000.00		5,000.00
Specification: Powder form 500 G Suitable for microbiology						
70	Sodium Chloride	btl	10	750.00		7,500.00
Specification: Analytical Reagent Grade 500g per bottle						
71	Sodium Hydroxide, AR 500G	btls	3	1,200.00		3,600.00

Specification: ?500 g/bottle, AR, Pellets						
72	Stainless Steel Laboratory Microspatula	pieces	10	150.00	CHINELO M. CARDARO	1,500.00
Specification: 						
73	Standard Method Agar (PCA)	btl	3	4,500.00		13,500.00
Specification: Plate Count Agar 500g						
74	Sterile Syringe Filters Nylon 25 mm Diameter 0.45 um Pore Size Individually Packaged 10/pk	packs	5	2,000.00		10,000.00
Specification: Sterile Syringe Filters Nylon 25 mm Diameter 0.45 um Pore Size Individually Packaged 10/pk						
75	Sucrose	btl	2	1,000.00		2,000.00
Specification: Analytical Reagent Grade 500g per bottle						
76	Test Tube (Medium), Glass, 15 x 125mm	pc	50	250.00	CHINELO M. CARDARO	12,500.00
77	Test Tube (Small), Glass, 12 x 75mm	pc	50	200.00	CHINELO M. CARDARO	10,000.00

Specification: ?12x75 mm glass (borosilicate)						
78	Test Tube Rack, 12 x 4 for 13 x 100mm test tubes	pcs	3	800.00	CHINELO M. CARDARO	2,400.00
Specification: ?Stainless steel						
79	Test Tube Rack, 13mm, 90 placer	pc	3	1,500.00	CHINELO M. CARDARO	4,500.00
Specification: Propylene, 13mm diameter hole, 90 placer						
80	Test Tube Rack, 20 mm x 24 tubes	pc	3	800.00	CHINELO M. CARDARO	2,400.00
Specification: Stainless Steel, 20 mm diameter holes, capacity 24 test tubes						
81	Test Tube Racks, 12MM x 12Holes	pcs	3	600.00	CHINELO M. CARDARO	1,800.00
Specification: Stainless Steel Holes Test Tube Rack						
82	Test Tube, Glass, Graduated, 50mL	pieces	50	105.00	CHINELO M. CARDARO	5,250.00
Specification: ?with Screw Cap						
83	Test tube/ Bottle Cleaning Brush	pcs	3	100.00	CHINELO M. CARDARO	300.00
Specification: Test tube/ Bottle Cleaning Brush						
84	Volumetric Flask 100ml	pc	5	800.00	CHINELO M. CARDARO	4,000.00
Specification: ?100 mL (±0.01 mL) ?Borosilicate glass with glass standard taper stopper, ?Class A ?Calibrated						
85	Volumetric Flask 25mL	pcs	12	550.00	CHINELO M. CARDARO	6,600.00
Specification: clear borosilicate glass with ground glass stopper, 25mL, Class A						
86	Volumetric Flask 50ml	pc	5	500.00	CHINELO M. CARDARO	2,500.00
Specification:						

?50mL, (±1mL) ?Borosilicate glass with glass standard taper stopper, ?Class A ?Calibrated						
87	Woven Filters, Nylon Mesh	pack of 10's	2	22,200.00		44,400.00
Specification: Mesh Opening: 5 um Water affinity: hydrophilic High Strength and Adsorption 30 X 30 cm sheet Thickness: 100 um						
88	Yeast Extract, Powder, 250g/btl	btl	1	9,660.00		9,660.00
Specification: Microbiology and molecular biology grade Nonselective for coliforms						
TOTAL						890,855.00
Purpose: For laboratory use						
Checked by:  ELIZABETH S. QUEVEDO TWG - Laboratory Supplies				Funds Available:  MYRNA S. PANCITO HEAD, BUDGET OFFICE		
Signature:	Requested by: 	Noted by: 		Approved by: 		
Printed Name:	CHINELO M. CARDAÑO	ANABELLA B. TULIN		EDGARDO E. TULIN		
Designation:	END USER	UNIT HEAD, PROJECT LEADER		PRESIDENT, VSU		