

If you are using a Mac computer to fill out the PDF forms, please make sure you are not on "Apple Preview" mode because the data entered in the form fields will not show when the documents are printed.

# INSTRUCTIONAL EQUIPMENT REQUEST

## 2021-2022



Internal Use
IE #: 2022 - 18 _____
Total \$: <b>13,643.88</b> _____

LPC ADMINISTRATIVE SERVICES - REQUISITION INFORMATION PAGE

**Requester Name:** \_\_\_\_\_ **Division Name:** \_\_\_\_\_

**Equipment Name:** \_\_\_\_\_

**The Equipment is:**  A Replacement  An Upgrade  New Equipment/Technology

### SECTION 1: EQUIPMENT DESCRIPTION

Describe the specific equipment requested and how it will be used to replace, upgrade or provide new technology to LPC from what is currently in place:

**Equipment Location Building:** \_\_\_\_\_ **Room:** \_\_\_\_\_

**Location Comments:**

## **SECTION 1: EQUIPMENT DESCRIPTION (continued)**

If applicable, describe the legal requirement, mandate, or safety concern for purchase of this equipment, making specific reference to the legal requirement or regulation:

## **SECTION 2: LPC MISSION STATEMENT AND LPC PLANNING PRIORITIES**

### **LPC MISSION STATEMENT:**

Las Positas College provides an inclusive, learning-centered, equity-focused environment that offers educational opportunities and support for completion of students' transfer, degree, and career-technical goals while promoting life-long learning.

### **LPC PLANNING PRIORITIES:**

- ❖ Implement the integration of all ACCJC standards throughout campus structure and processes.
- ❖ Establish a knowledge base and an appreciation for equity; create a sense of urgency about moving toward equity; institutionalize equity in decision-making, assessment, and accountability; and build capacity to resolve inequities.
- ❖ Increase student success and completion through change in college practices and processes: coordinating needed academic support, removing barriers, and supporting focused professional development across the campus.

Specify how the equipment supports *LPC's Mission Statement and Planning Priorities*:

### **SECTION 3: EDUCATIONAL ITEMS – PROGRAM REVIEW**

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**Specify the educational programs this equipment supports:**

**Will this equipment be a part of your upcoming Program Review or was it included last year? Please explain using the exact words from your Program Review. If not, explain why.**

## SECTION 4: TEACHING AND LEARNING

In detail describe evidence and data that equipment provides much needed benefit and enhancement to teaching beyond current capabilities.

Vender	Product ID	Product	Description	On hand	Need to Order	New amount
Vernier	LABQ2		Discontinued	12	0	12
Vernier	LABQ3	LabQuest3	Replaces the LabQ3 used for all experiments	0	15	15
Vernier	TMP-BTA	Stainless Steel Temperature Probe		12	15	27
Vernier	MCA-BTA	Microphone	Use the Microphone to display and study the waveforms of sounds from voices and musical instruments. It also works well for speed of sound experiments.	12	15	27
Vernier	LS-BTA	Light Sensor	The Light Sensor approximates the human eye in spectral response. Use it for inverse square law experiments or for studying polarizers, reflectivity, or solar energy.	5	22	27
Vernier	GPS-BTA	Gas Pressure Sensor	Use the Gas Pressure Sensor to monitor pressure changes of a gas in	9	18	27
Vernier	VPG-BTD	Photogate	Use the Photogate to study free fall, rolling objects, collisions, and pendulums.	27	9	36
Vernier	DFS-BTA	Dual-Range Force Sensor	Use the Dual-Range Force Sensor in a wide variety of experiments. Including the study of friction, simple harmonic motion, impact in collisions, or centripetal force.	11	16	27
Vernier	MD-BTD	Motion Detector	The Motion Detector is used to measure position, velocity, and acceleration of moving objects.	12	15	27

Describe in detail the impact this equipment will have on learning:

Each academic year, this equipment will impact: \_\_\_\_\_ # of classes/sections \_\_\_\_\_ # of students

## **SECTION 5: OUTCOMES (SLOs)**

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**Using your documented SLOs, specify how the equipment will enable student learning outcomes to be achieved beyond current capability.**

## **SECTION 6: TOTAL COST OF OWNERSHIP (FINANCIAL & SUSTAINABILITY)**

**What is the potential life span of the requested equipment?**

**If new storage is needed what are the storage requirements, location requirements, and costs associated with the new equipment: (NOTE: Specific storage costs should be detailed in the “Part A: Initial Start-up Costs” section below.)**

**If this equipment replaces old equipment but the old equipment will not be retired, are there on-going storage requirements, location requirements, and costs associated with the old equipment? If so, provide details.**

**What will be required to maintain the equipment, such as regular servicing or upkeep? (Specific on-going costs should be detailed in the “Part B: On-Going Annual Operating Costs” sections below as applicable.)**

**Explain how this equipment meets or exceeds basic sustainability efforts and/or provides renewable resources to the college:**

**Part A: Initial Start-up Costs**

<u>Item</u>	<u>Cost</u>	<u>Comments</u>
Equipment or Materials		
Taxes (9.5%)		
Shipping or Delivery Charge		
Installation Costs *		
Miscellaneous Costs:		
Facilities Modifications		
Operator Training		
Maintenance & Repair Training		
Storage		
Other: _____		
Vendor Discount		
<b>Grand Total:</b>		

**Part B: On-Going Annual Operating Costs**

<u>Item</u>	<u>Cost</u>	<u>Comments</u>
Annual Service or Maintenance		
Estimated Parts Replacement Per Year		
Outside Standardization or Calibration Costs		
Storage Costs		
New Supply Costs		
Maintenance & Repair Labor		
Licensing or Software		
Other: _____		
<b>Annual Operating Costs:</b>		



Indicate the source of funding for on-going annual operating costs:

**Part C: Incremental Labor Costs**

**OPERATOR:**

Indicate the key operator: \_\_\_\_\_

Is the work in their current scope of duties? \_\_\_\_\_

What is the cost to train key operator? \_\_\_\_\_  
(include \$\$ in the Initial Start-up Costs above)

Number of hours per month will the key operator use the equipment? \_\_\_\_\_

**MAINTENANCE & REPAIRS**

Indicate who will performing maintenance and repairs: \_\_\_\_\_

Is the work in their current scope of duties? \_\_\_\_\_

Indicate cost to train for maintenance and repairs? \_\_\_\_\_

Number of hours maintenance is required per month: \_\_\_\_\_

**\*REMINDER\***

Instructional Equipment Requests submitted without a quote and requisition will be returned.  
Shopping Carts are not considered quotes and will not be expected.

**SIGNATURE APPROVALS and ROUTING**

REQUESTER:   
DATE:

DIVISION DEAN/MANAGER:   
DATE: 1/11/22

**Click the Submit Button to Route  
Signed Instructional Equipment Requests (IER) Directly to Admin Services**

**Admin Services will coordinate review of all IER by IT and M&O and collect signatures**

College Technical Services, Manager:  
Date:

M&O Director:  
Date:

VP Academic Services:  
Date:

VP Administrative Services:  
Date:





Remit To:  
 American 3B Scientific, LP  
 P.O. Box 745421  
 Atlanta, GA 30374-5421  
 United States  
 1.888.326.6335  
<http://www.a3bs.com/>

**Bill To**

Accounts Payable  
 Chabot-Las Positas Community College District  
 5020 Franklin Drive  
 Pleasanton, CA 94588  
 United States

**Ship To**

Andres Lozano  
 Las Positas College  
 3000 Campus Hill Drive  
 Livermore, CA 94551  
 United States

**Quote**

Date 1/6/2022  
 Quote SQ2216665  
 Expires 2/5/2022  
 Expires 1/6/2022  
 Sales Rep Tim Hemans  
 Shipping Method FedEx Ground - FDXG  
 Sales Rep Email tim.hemans@a3bs.com  
 Quoted Delivery Weeks 10  
 Shipping Terms FOB Atlanta  
 Shipping Code (2)

ID	Description	Qty	Weight	Tariff Number	List Price	Unit Price	Amount	Expected Ship Date
U18555	Thomson e/m Tube Student Series	5	4.8060716	9023000000	1,230.00	1,168.50	5,842.50	2/12/2022
U185002	Tube Holder S Student Series	4	1.8959732	9023000000	677.00	643.15	2,572.60	1/6/2022
U185051	Helmholtz Coils Student Series	6	3.0423756	9023000000	683.00	648.85	3,893.10	3/10/2022
U33010-115	High Voltage Power Supply 5kV (115 V 50/60 Hz)	8	8.50762858	9023000000	740.00	703.00	5,624.00	2/22/2022
U33000-115	DC Power Supply 0-500 V (115 V 50/60 Hz)	5	17.60609532	9023000000	808.00	767.60	3,838.00	3/25/2022
U185711	Electron Diffraction tube S Student Series	3	4.8060716	9023000000	1,476.00	1,402.20	4,206.60	5/1/2022
	Free Shipping							

Subtotal 25,976.80

Tax 2,662.66

**Total** \$28,639.46



Office of Administrative Services

(Wait 5-10s)

Reset

Submit

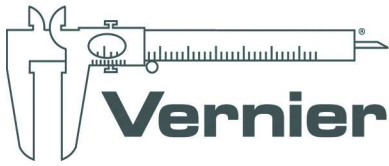
Requisition Request Form

R \_\_\_\_\_ - \_\_\_\_\_

Fiscal Year	Vendor ID #	Vendor Name			Date Required
2021-22		Vernier			4/29/2022
Deliver To		Room #	Return Copy of Requisition To		
Andrew Lozano		1824	Andrew Lozano and Linda Cross		
Seq	Item #	Description	Qty	Unit Price	Extended Cost
1	LABQ3	LabQuest3	15	\$ 328.83	\$ 4,932.45
2	TMP-BTA	Stainless Steel Temperature Probe	15	\$ 34.92	\$ 523.80
3	MCA-BTA	Microphone	15	\$ 42.68	\$ 640.20
4	LS-BTA	Light Sensor	22	\$ 57.23	\$ 1,259.06
5	GPS-BTA	Gas Pressure Sensor	18	\$ 86.33	\$ 1,553.94
6	VPG-BTD	Photogate	9	\$ 47.53	\$ 427.77
7	DFS-BTA	Dual-Range Force Sensor	16	\$ 105.73	\$ 1,691.68
8	MD-BTD	Motion Detector	15	\$ 86.33	\$ 1,294.95
9					\$ 0.00
10					\$ 0.00
11					\$ 0.00
12					\$ 0.00
13					\$ 0.00
14					\$ 0.00
15					\$ 0.00
Comments				Subtotal	\$ 12,323.85
				10.25% Tax	\$ 1,263.19
				Shipping	\$ 56.84
				<b>Total Cost</b>	<b>\$ 13,643.88</b>
FOAP to be Charged			%	Amount	
-	-	-	100	<b>\$ 13,643.88</b>	
FUND	ORG	ACCOUNT	PROGRAM		
-	-	-			
FUND	ORG	ACCOUNT	PROGRAM		

Andrew Lozano                      1/10/22                      Nan Ho                      1/12/22  
 Requestor (print name)                      Date                      Dean (signature)                      Date  
 \_\_\_\_\_  
 Coordinator/Manager (signature)                      Date                      Vice President (signature)                      Date

OFFICE OF ADMINISTRATIVE SERVICES USE ONLY			
Reviewed: _____	Verified: _____	Approved: _____	
Administrative Services	Administrative Services Officer	VP, Administrative Services	
PO Number: _____	Budget Transfer #: _____	Entered: _____	
TR 4/6/20			



**VERNIER SOFTWARE & TECHNOLOGY**  
**13979 SW MILLIKAN WAY**  
**BEAVERTON, OR 97005**  
**503-277-2299 fax 503-277-2440**  
**EIN:93-1162373**

**Quote**

Vernier Quote: 1082830 - 000  
 Customer: 720629  
 Expire Date 1/31/2022

**Customer:** 720629  
 ANDREW LOZANO  
 LAS POSITAS COLLEGE  
 ALOZANO@LASPOSITASCOLLEGE.EDU  
 LIVERMORE, CA 94551

Quote Date 12/30/2021	Employee kneerman	Ship Via UPS	Incoterms 2020 EXW	MOS GROUND	Terms NET 30 DAYS	Contact ID	Currency USD
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Qty Ordered	Item Code	Description	Retail Price	Unit Price	Total Price
15	LABQ3	VERNIER LABQUEST 3	339.00	328.83	4,932.45
15	TMP-BTA	STAINLESS STEEL TEMP PROBE	36.00	34.92	523.80
15	MCA-BTA	MICROPHONE	44.00	42.68	640.20
22	LS-BTA	LIGHT SENSOR	59.00	57.23	1,259.06
18	GPS-BTA	GAS PRESSURE SENSOR	89.00	86.33	1,553.94
9	VPG-BTD	VERNIER PHOTOGATE	49.00	47.53	427.77
16	DFS-BTA	DUAL-RANGE FORCE SENSOR	109.00	105.73	1,691.68
15	MD-BTD	MOTION DETECTOR	89.00	86.33	1,294.95

Total Item Qty: 125      Total Weight: 69.20

The prices listed on this quote are valid with complete shipment to one location. Any applicable tax will be based on the bill-to entity, the ship-to address, and the date of the shipment.

Please contact our Quotes Dept at 1-888-837-6437 or quotes@vernier.com if you have any questions about the quote. Please contact our Orders Dept at 1-888-837-6437 or orders@vernier.com and reference this quote number to place the order.

Thank you for using Vernier products!

**Line Item Total:** 12,323.85  
**Shipping:** 56.84  
**Subtotal:** 12,380.69  
**\*Estimated Tax:** 1,263.19  
**Total:** 13,643.88