

Instructional Equipment Request Form

Name of Requestor: David Everett Division: STEM

This Equipment Request is: A Replacement | An Upgrade | New Equipment or 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 #: Campus Hill Winery Room #: 806

Comments:

Electric Sulphyser SO2 Meter (Free/Total/Bound)
Mi 151 Benchtop pH Meter
DMA 35 Densitometer Density Meter

This state of the art, hands-on instructional equipment will improve wine making instruction and support winery operations. This various winery equipment will support student projects and support the instruction specific to accurate analysis performed on must, juice and wines.

The analysis equipment for measuring sulfur content, accurate pH and ripeness (through density measurements) is critical to successful, quality winemaking.

All three items are some of the latest innovations in enology lab analysis.

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

There are no legal requirements for this equipment

SECTION 2: LPC Mission Statement and LPC Planning Priorities

LPC Mission Statement

Las Positas College is 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 lifelong learning.

LPC Planning Priorities

- 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.

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

The acquisition of this equipment will support inclusive learning by providing additional instructional materials. Instructional equipment is a foundation of educational support for completion of students' transfer, basic skills and more definitive, career-technical education and retraining goals. Successfully completing these goals will provide more avenues for successful job placement and/or advancement in the current field of winery technologies.

The acquisition of this equipment is proof of our commitment to the ongoing process implementing best practices to meet ACCJC standards. As new technology, this equipment will also provide necessary institutional support for curriculum development and maintenance, the development of SLO's, CSLO's, and PSLO's and their assessments. After purchasing this attachment, there could be an opportunity to expand winery workshops that support many of the VWT classes. Finally, the most valuable result of acquiring this equipment will be our addressing the current and future professional development needs of the VWT faculty, classified and administrators in support of educational master plan goals which will in the end, benefit our students.

SECTION 3: Educational Items | Program Review

Specify the educational programs the equipment supports:

This equipment will have a sweeping impact on a number of VWT courses including:

VWT 10: Introduction to winemaking/accurate ripeness measurements

VWT 20: Technology in the wine lab

VWT 31: Must ripeness measurements

VWT 32: Measuring SO2 before must adjustments

VWT 41: The importance of accurate pH measurements

VWT 42: Brix measurements throughout fermentation

The programs and classes listed above are just a snapshot of how this equipment will improve instruction and benefit learning.

The VWT program leans heavily on "hands-on" learning. These three pieces of equipment are some of the latest innovations in the wine industry.

This amazing equipment is for specific operational aspects of the wine industry and will ready the students for immediate employment.

Is the equipment part of an upcoming Program Review? Was it included last year? If not, why? Use language from your Program Review to explain:

The need for a this equipment has not been mentioned specifically, but voicing the need for more instructional equipment has been mentioned numerous times over a decades worth of Program Reviews.

While the specific equipment is not mentioned (see equipment list), there is a statement that addresses the VWT budget: "The VWT operating budget is insufficient. Supplies and operating materials are needed beyond the amount the small amount budgeted each year. Operating budget has not increased." It has not increase in over 12 years.

With ongoing improvements and innovations to wine making and grape growing, the tools that are used and the new technologies that are constantly being introduced to the wine industry, it would be impossible to look into the future to identify any specific piece of equipment. The inadequate budget is a direct link to our IER needs.

SECTION 4: Teaching and Learning

Please use evidence and data that describes how the equipment provides enhancements/benefits to the current level of teaching capabilities:

The program relies heavily on "hands-on" instruction. This equipment will have an immediate impact on teaching and learning. The pH meters, electric sulfilyser, and densitometer all are in line with leading edge analysis that is performed in the wine industry. Instruction in CTE can reflect directly on the equipment each program acquires for teaching and learning. This will be a dramatic acquisition for the enology students that aspire to work in the industry. This equipment is modern, intelligent and reflects well on the level of instruction that LPC is committed to.

Detail the impact the equipment has on learning:

The VWT program emphasizes hands-on learning. Having this equipment in place for the students to be trained on is critical to learning and it just makes sense. Observing operation and safety protocols up close and in person are valuable learning opportunities especially in a lab. Every working winery has at bare minimum, a pH meter. Providing our students with just the basics of pH analysis is not enough. Providing the Electric Sulfilyser and the DMA Densitometer for hands-on instruction students will be well versed on some of the most advanced analysis equipment available.

Please state the number of classes and students the equipment will impact:

Classes/Sections: 6	Students: 120
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SECTION 5: Student Learning Outcomes (SLOs)

Document how the equipment will enable you to surpass your current Student Learning Outcomes:

Currently, there are no "sulfilysers", pH meter, or Densitometer SLOs specific to this equipment. This is due to the fact that we are still in process of acquiring state of the art equipment for instruction. There is also no way to assess an SLO that has not yet been created.

When the instructional equipment is in place, we will be able to build appropriate SLO's (and assessments) that will apply to tank set up, filter operation and pump safety protocols.

SECTION 6: Total Cost of Ownership | Maintenance and Sustainability

Please provide the lifespan of the proposed equipment:

If handled properly, the equipment should last well over 10 years or more.

What are the requirements and associated costs for the storage of the equipment?

No storage costs

Is there a specific location required to store the equipment?

Note: include storage costs in Part A: Initial Start-Up Costs (pg. 10)

Not required no.

Does the new equipment replace older equipment? If so, will you retire/surplus the old equipment? If not, where will you store the older equipment and what are the associated storage costs?

It will not replace older equipment.

SECTION 6: Total Cost of Ownership | Maintenance and Sustainability (cont'd)

What are the maintenance costs associated with the regular upkeep of the equipment?

N/A

Detail how the equipment meets or exceeds LPC's Sustainability Efforts:

How does the equipment provide renewal resources to the college?

SECTION 6: Total Cost of Ownership | Maintenance and Sustainability (cont'd)

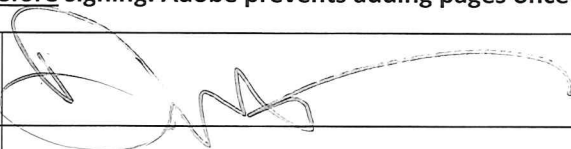
Part A: Initial Start-Up Costs		
Type	Cost	Comments
Equipment or Materials	\$ 8,949.95	
Shipping & Delivery Fees	\$ 110.00	
Installation Costs	\$ 0.00	
Miscellaneous Costs	\$ 0.00	
Modification to Facilities	\$ 0.00	
Operator Training	\$ 0.00	
Maintenance/Repair Training	\$ 0.00	
Storage	\$ 0.00	
Other	\$ 0.00	
Discounts (enter as negative)		
Sub-Total	\$ 9,059.95	
Taxes	\$ 1,025.00	
Grand Total	\$ 10,084.95	
Part B: Annual Operating Costs		
Type	Cost	Comments
Service/Maintenance	\$ 0.00	
Part Replacement	\$ 0.00	
Vendor Calibration or Standardization	\$ 0.00	
Storage	\$ 0.00	
Supplies	\$ 0.00	
Maintenance/Repair Labor	\$ 0.00	
Software Licensing	\$ 0.00	
Other	\$ 0.00	
Grand Total	\$ 0.00	
Overall Cost:	\$ 10,084.95	

SECTION 6: Total Cost of Ownership | Maintenance and Sustainability (cont'd)

Operator	
Primary operator:	Trained Program Director and/or Trained Faculty
Does the work align with current position duties?	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
Cost to train primary operator:	0
Approx. # of hours equipment will be used per month:	40 or more
Comments:	
Maintenance and Repairs	
Who will perform maintenance and repairs?	FACULTY and LAB TECH
Estimated hours per month:	3
Does the work align with current position duties?	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
Cost to train for maintenance and repairs:	0

Approvals and Signature Routing

Before signing below, please confirm all fields are filled out and all information provided is correct. Requests must be fully complete, signed, and submitted to your Division Dean by the deadline (see page 1). Requisition and quote must be attached to this form before signing. Adobe prevents adding pages once a document has been e-signed.

Requestor:		Date:	10/10/22
Division Dean:	nan ho	Date:	10-12-22
Vice President:		Date:	
College Technical Service Manager:		Date:	
M&O Director:		Date:	
Vice President, Administrative Services:		Date:	



The Vintner Vault

3230 Riverside Ave
Paso Robles CA 93446
805-226-8100
805 226-8188

Quote

Quote #: 5116
Account #: PR-LASPOSITASCOLL
Page: 1 of 1
Date: 10/12/2022
Time: 12:17 PM
Cashier: 4
Register #: 1

Bill To: Accounts Payable
Las Positas College/Shabot CCD
7600 Dublin Blvd
3rd Floor
Dublin, CA 94568
925-424-1343 AP 925-424-1634

Ship To: Dyan Miller
Las Positas College
Receiving Department
3000 Campus Hill Dr.
Livermore, CA 94551
925-424-1343

Rep	Item Lookup Code	Description	Quantity	Price	Extended
	LAB-3975	Meter Sulflyser	1	\$3,100.00	\$3,100.00
	LAB-2951	Meter pH 151	5	\$349.99	\$1,749.95
	LAB-8000	Meter Density DMA 35	1	\$4,100.00	\$4,100.00
	Shipping	Shipping	1	\$110.00	\$110.00

Thank you for shopping The Vintner Vault Please come again!	Sub Total	\$9,059.95
	Sales Tax	\$860.70
	Total	\$9,920.65
Change Due		\$0.00



5116



Office of Administrative Services

(Wait 5-10s)

Reset

Submit

Requisition Request Form

R _____ - _____

Fiscal Year	Vendor ID #	Vendor Name	Date Required		
2022/23		Vintners Vault	5/1/2023		
Deliver To		Room #	Return Copy of Requisition To		
Las Positas College		806	David Everett		
Seq	Item #	Description	Qty	Unit Price	Extended Cost
1	1	Densitometer DMA 35	1	\$ 4,100.00	\$ 4,100.00
2	2	MI 151 Benchtop pH meter	5	\$ 349.99	\$ 1,749.95
3	3	Sulfilyser meter	1	\$ 3,100.00	\$ 3,100.00
4	4			\$ 0.00	\$ 0.00
5					\$ 0.00
6					\$ 0.00
7				\$ 0.00	\$ 0.00
8					\$ 0.00
9					\$ 0.00
10					\$ 0.00
11					\$ 0.00
12					\$ 0.00
13					\$ 0.00
14				\$ 0.00	\$ 0.00
15					\$ 0.00
Comments			Subtotal	\$ 9,659.95	
			10.25% Tax	\$ 1025.99	
			Shipping	\$ 110.00	
			Total Cost	\$ 10,084.95	
FOAP to be Charged			%	Amount	
IER	-	-	010400	100	\$ 10,084.95
FUND	ORG	ACCOUNT	PROGRAM		
-	-	-			
FUND	ORG	ACCOUNT	PROGRAM		

David Everett 10/8/22 Dean Ho 10-12-22
 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		



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