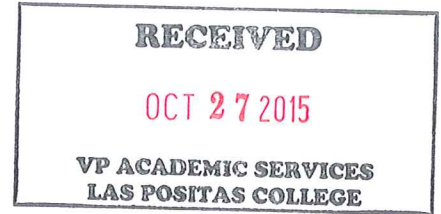




# Instructional Equipment Request

FALL 29



## SECTION 1: SUMMARY INFORMATION

Timeframe for the Request: FALL 2015

Name of Requestor: David Everett

Division/ Unit: BSBA

Brief Title of the Request: Braun in-row vine hoe

Equipment Location: Campus Hill Vineyard shed

## SECTION 2: DESCRIPTION

Describe the specific equipment or materials requested and a brief explanation of how it will be used.

*The Braun vine hoe "LUV Perfekt" is designed to perform all required operations around the vine trunk in an efficient and environmentally friendly manner. With its modular construction, the basic LUV undervine cultivator can be supplemented with the addition of other BRAUN implements. This enables the vineyard owner to cultivate the vineyard in a manner that suits the specific conditions encountered. With the BRAUN system your vineyard will be free from weeds without the use of harmful chemicals. This device attaches to the side of a tractor digs up the "in vine row" weeds in the soil without damaging the vines or the trellis system. This device is a critical component of organic vineyard farming.*

Check one of the following:

The equipment is:  New equipment

How does the equipment replace, upgrade or provide new technology to the college? What do you currently have in place?

*At this point in time we do not have anything that can perform this task. It is specialized and specific. The most important attribute of obtaining this attachment is to help the college's vineyard move to 100% organic certification. This attachment plows up the weeds growing in the vine rows instead of having to apply herbicide. This isn't new technology, it's time proven non-intervention farming.*

If request is motivated by a mandate, legal requirement or safety concern, please describe it and why it's important. Please provide any relevant documentation.

N/A

## SECTION 3: EDUCATIONAL ITEMS

Which educational programs or institutional purposes does this equipment support?

*First and foremost, this equipment will support an entire program. This vine row weeding attachment will be a critical thinking support step in the process of vineyard management and grape growing that takes place each and every semester. The classes that will be directly impacted will be VWT 10, 31 and 32 which are on the viticulture side of the VWT program curriculum. The vine row weeding attachment will offer astounding lab opportunities to these students in particular. The classes that will be indirectly impacted will be VWT 20, 41, 42, 25 and 47 which do numerous analysis assessments on the resulting production from the program which take place every semester as well.*

Is this in your Program Review?  Yes

*VWT: As a career technical education (CTE) program it is critical that students gain hands on experience with the equipment that they will be expected to use in their future places of employment. Informal assessments have*

*shown that recently acquired instructional equipment have significantly improved student learning and employability in the industry. The program has acquired a considerable amount of instructional equipment over the last few years. For 14-15 there are still a number of equipment needs but even more importantly there is a desperate need for non-instructional support.*

*VWT: Students have requested more hands on learning with up to date, industry standard equipment. The students have suggested more diverse VWT faculty for learning. The students have urged the program coordinator to hire a classified support person that would help ease the overwhelming work load of the current faculty member.*

*VWT: The viticulture and Enology field changes day to day and keeping up with new technology, R&D, trends and new equipment is critical to the success of the VWT program.*

*VWT:*

*To pursue updated, upgraded, modernized instructional equipment.*

*VWT:*

*Modern equipment speaks for itself. State of the art instructional equipment is a statement to the student body and community that LPC is committed to excellence in teaching and learning. CTE driven programs RELY on safe, modern, current equipment to instruct with. It is critical to the success of the students. The VWT student requires that the knowledge gained in the classroom will ensure employability.*

#### **SECTION 4: TEACHING AND LEARNING**

Describe in detail the impact this equipment or materials will have on teaching and learning.

*Sustainable, organic and biodynamic farming practices are a critical component of instruction already in place in the VWT program. At this time all we can do is tell the students about the benefits of an organic vineyard and “virtually instruct” the many disciplines and practices that are involved in the pursuit of any advanced vineyard certification. This device is just a piece of the puzzle we are attempting to complete which will enhance the quality of grape growing in the program’s vineyard. We wish to be the first 100% organically farmed college vineyard. This is organic weed control. Teaching organic vineyard management and actually DOING it is substantially different. We want to show the students that organic practices are attainable.*

Number of classes or sections (per academic year) that will be impacted:

**NINE;** VWT 10, 20, 22, 25, 31, 41, 32, 42, 47,

Will the Tri-Valley benefit from the equipment, and if so how?

*Organic farming in the Tri-Valley is on the rise and the need for education in this highly specialized practice is critical for LPC to be at the forefront of. Achieving organic certification with the help of this piece of equipment will make an astounding impression on the local wine industry and community here in the Tri-Valley. It shows the local industry and community that we are committed to the finest education possible for students enrolled in ALL of our programs. Wineries with vineyards need to farm and most have no other option but to use whatever means they possess to manage their crops. This includes chemicals that go into the environment and water table. Not only will organic certification be a VERY impressive title for instructional purposes, it will dramatically enhance the quality of wine production at LPC and hopefully INSPIRE the rest of the wine growers in the Livermore Valley AVA to stop using chemicals to farm and GO ORGANIC.*

**SECTION 5: SUSTAINABILITY**

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

*Potentially, indefinitely*

How does this equipment meet or exceed basic sustainability efforts and/or provide renewable resources to the college? Please explain

*The potential lifespan is indefinite; no need for replacement.*

What will be required to maintain the equipment, such as regular servicing or upkeep? Who will perform the maintenance and are the costs included in the Finance Section?

*Minimal costs at the most. The equipment is very simple and easily maintained. Care, handling and cleaning will be written into the course description and SLO's. Cost: minimal and paid for with program funds*

Where will the equipment be used or housed? If new storage is needed, describe the storage, location and costs to provide for it. Are these costs included in the financial section?

*The item is small and portable. It already has a dedicated storage space in the Campus Hill Vineyard shed.*

**SECTION 6: OUTCOMES**

How will equipment enable student learning outcomes to be achieved? What are the consequences related to learning outcomes if request is not funded?

*Vineyard Operations outcomes are directly impacted. This instructional equipment supports the sustainable, organic and biodynamic farming practices instructional component of a number of VWT classes' curriculum. If not acquired, LPC will unfortunately fall short on the student's hopes, dreams and expectations. Indirectly, chemical farming could ultimately impact the vineyard negatively as well as the program's reputation in the Tri-Valley grape growing and farming community. The results could impact enrollments of other VWT classes. We do not wish to produce poor wine that will inevitably represent the level instruction here at LPC.*

**SECTION 7: FINANCIAL**

**Part 1**

Total amount requested:\$9150.00

Explain the details behind the amount requested above.

Equipment or Materials:	\$9150.00
Delivery:	\$500.00
Installation:	0.00
Facilities Modification:	0.00
Sales Tax:	\$916.75
Other:	
Vendor Discount (if applicable):	\$
<b>Total amount:</b>	<b>\$10,566.75</b>

NOTE: Requests for computer related equipment must be reviewed by LPC IT Department

**IT Department Authorized Signature: \_\_\_\_\_**

In addition to the amount requested above, what ongoing costs will be incurred per year? This is trying to determine the total cost of ownership.

COSTS	
Upkeep and Maintenance:	\$0.00
Storage:	\$0.00
Other :	\$0.00

How will these ongoing costs be paid for?

*VWT Program funds*

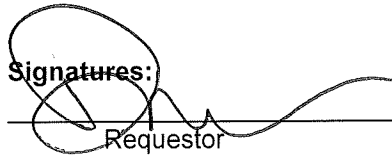
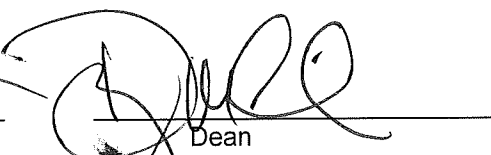
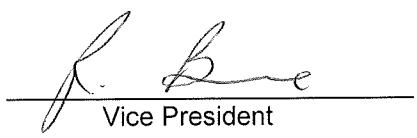
**Part 2**

How long will this equipment last and when will it need to be replaced? When replacement is needed, how will it be paid for? (such as another IER, grant, etc.)

*The unit should have an indefinite lifespan;*

What outside sources of funding, discounts or help have you explored and what is the outcome? (items such as CTE and grants)

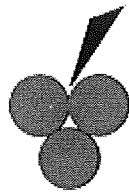
CTE

**Signatures:**  
  
Requestor  
  
Dean  
  
Vice President

Request Approved:  Yes  No

Approved by:

Date Approved:



**H&W equipment**  
for vineyard & winery

Oregon Vineyard Supply  
Denis Bernards  
2700 St. Joseph's Rd.  
Mc Minnville OR 97128

dennis.bernards@ovs.com

1162606 Ont. Inc.  
GST/Bus. # 893 94 9 545  
RR # 2 827 Line 4  
Niagara on the Lake, LOS 1JO  
Ontario / Canada

Tel.: (905) 468-5016 Fax: (905) 468-5676  
e-mail: info@vineyardmachines.com

October 26, 2015



Shown w. options

**Quote**

**BRAUN LUV " Perfect" Sensor controlled Grape hoe** – ditched plough share and cultivator with manual override,  
**Single Front mounted unit, , min. 35 HP - Cultivator only, hilling/ down hilling options not available.**

Part. No.	Quantity	Description unit	Price \$ US
<u>Cultivator Mid Mount:</u>			
01103	1	BRAUN LUV right, hoses, blade, sensing bar	7.950.00
01105	1	single electric controls hydr.adj.	
01107	1	steel wheel with height adjuster	
01115	1	gauge disc	
01207	1	Hydraulic lift with coil down pressure	
02208	1	Front mount, single, hydr. adj. in/out	
			7.950.00
		ex Germany to Shipping DDP McMinnville/OR	1.200.00

OPTIONS:

Rotary Harrow attachment:\*

01153	1	rotary harrow attachment right	2.665.00
01218	1	hydr. side tilt on lift	1.050.00

Hydraulic on the tractor:

2 double valve, 2 single valve , 1 free return, 1 flow control, hydraulic pump mm. 2 Gal./min., pressure 2250 to 2500 PSI; (\*1 additional double valve rotary .rot. harrow; 5 Gal./min.)

Terms of delivery: FOB Niagara on the Lake, ON  
Terms of Payment: Down payment 50 % at order, 50 % C.O.D.  
Warranty; 1 Year  
Delivery: approx. 4-6 weeks  
Quote valued to November 15, 2015

# LAS POSITAS COLLEGE Equipment, Apparatus and Service Requisition

#R

FOR REIMBURSEMENT: List payee name & ssn. **TAX ID#**  
**SUGGESTED VENDOR** OREGON VINEYARD SUPPLY

NAME OF STAFF MEMBER DATE WRITTEN DATE REQUIRED DIVISION/DEPARTMENT For inventory purposes include room # where  
 Dyan Miller \_\_\_\_\_ BSBA

FOR OFFICE USE ONLY

RETURN COPY of REQUISITION TO:  
 Mary Hargiss

DESCRIPTION (PRODUCT, TYPE, SIZE, COLOR, STOCK NUMBER)	UNIT	QTY	UNIT PRICE	Air
<b>INSTRUCTIONAL EQUIPMENT REQUEST</b>				
Braun "LUV" Cultivator w/attachments		1	\$ 7,950.00	
			\$ -	
			\$ -	
			\$ -	
			\$ -	
			\$ -	
			\$ -	
			\$ -	
<b>Vendor Information/ Remit To:</b>				
OREGON VINEYARD SUPPLY				
2700 St. Joseph's Road				
McMinnville, OR 97128				
Deliver To, include room # (optional):				
Las Positas College				
C/O William Eddy				
PE Complex, Building 2500				
3000 Campus Hill Drive				
Livermore, CA 94551-7623				
(925) 424-1282				
<b>Comments:</b>				
	Subtotal			
	Tax			755.25
	Shipping (if available):		\$	1,200.00

Original invoices and receipts must be attached for payment. Include current taxes unless incorporated in price.

**TOTAL COST \$ 9,150.00**

ACCOUNT # \_\_\_\_\_ FUND \_\_\_\_\_ ORG \_\_\_\_\_ ACCT \_\_\_\_\_ PROGRAM \_\_\_\_\_  
 Business Office

APPROVALS *[Signature]* 10/27/15  
 Supervisor/ Coordinator/ Director  
 Dean/ VP/ President