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INSTRUCTIONAL EQUIPMENT REQUEST

2021-2022



Internal Use
IE #: 2022 - <u>19</u>
Total \$: <u>4,988.85</u>

LPC ADMINISTRATIVE SERVICES - REQUISITION INFORMATION PAGE

Requester Name: David Everett **Division Name:** STEM

Equipment Name: Domries Clod Crusher

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:

SNCC-600-1216; Clod Crusher 10" Tub 12/16 Rings 6'
Rear Hitch; Single Lip

Equipment that makes any farming practice easier, makes it safer for the students.

At this point we do not have the capability to smooth out our cultivated rows.

This implement will attach to our Domrie vineyard disc which is an existing piece of instructional equipment at the vineyard. The purpose of the implement is to break up and smooth out the soil that is broken up by the disc. This will allow for better distribution of topsoil when we apply our cover crop seeds.

The act of discing helps with many aspects of vineyard management which are taught in the program. Without the Clod Crusher, the terrain in the vineyard is VERY challenging and poses high risk for injury. The Clod Crusher will smooth out the terrain and make it navigable to students and instructors.

Equipment Location Building: Campus Hill Vineyard **Room:** Vineyard support shed

Location Comments:

This location will be where the implement will eventually reside as it is in close proximity to the support crawler/tractor.

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:

Without the Clod Crusher, the terrain in the vineyard is VERY challenging and poses high risk for injury. The Clod Crusher will smooth out the terrain and make it navigable to students and instructors.

Equipment that makes any farming practice easier, makes it safer for the students.

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*:

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 vineyard 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 this equipment supports:

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

- VWT 10: Understanding vineyard floor management
- VWT 20: Farming for quality
- VWT 31: Advances in vineyard floor management
- VWT 32: Advances in vineyard cover crop preparation
- VWT 41: Post harvest farming practices for quality production
- VWT 42: Pre-bud break farming practices for quality production

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 attachment 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. At this point we have only one half of the attachment that will help us move forward with organic farming. The Clod Crusher will complete the set. We wish to be the first 100% organically farmed college vineyard. This implement will help us with organic practices such as soil preparation for cover cropping and weed control. Teaching organic vineyard management practices and actually DOING it is substantially different. We want to show the students that organic practices are attainable and in the end, cost effective.

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 vineyard management instruction.

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.

While the specific equipment is not mentioned (Domries Clod Crusher attachment), 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."

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

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

Providing this attachment will greatly improve the faculty's ability to connect with the students during the vineyard labs. The faculty will be able to work hands-on with the students while demonstrating the capabilities of this integral piece of cultivating equipment. The vineyard will see an overall improvement after using this implement which will be an invaluable aspect of instruction. Over the years, we have experienced attrition in the VWT classes due to the expense of tools for vineyard floor management. This will be another MAJOR change to our program. Now we have the opportunity to provide materials for learning objectives to be completed and to expand course offerings and curriculum.

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

WILL HAVE THE TOOLS!

This will open up so many opportunities for learning. The "complete discing/clod crusher set" will provide the students the opportunity for unlimited learning in the field of viticulture (vineyard management) and enology (farming for quality).

The student project possibilities will be endless and extremely valuable:

- soil analysis
- soil friability (pre and post discing)
- vine health
- fruit quality
- cover crop soil preparation
- organic/sustainable weed control

The highest value of the discing set goes to helping the students understand what is really needed to manage a vineyard.

Each academic year, this equipment will impact: ⁶ ____ # of classes/sections ²⁰⁰ ____ # of students

SECTION 5: OUTCOMES (SLOs)

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

Currently, there are no "soil preparation" SLOs specific to this equipment. This is due to the fact that we did not have the capability to prepare soil in this manner prior to obtaining this equipment. 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 an appropriate SLO (and assessment) that will apply to soil preparation and safe set-up, operation and break down protocols.

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

What is the potential life span of the requested equipment?

Indefinite

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.)

No new storage is needed.

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.

N/A

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.)

NONE

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

It has an infinite life. No need to replace it.

Part A: Initial Start-up Costs

<u>Item</u>	<u>Cost</u>	<u>Comments</u>
Equipment or Materials	\$4740.00	
Taxes (9.5%)	\$248.85	
Shipping or Delivery Charge		included
Installation Costs *		N/A
Miscellaneous Costs:		N/A
Facilities Modifications		N/A
Operator Training		N/A
Maintenance & Repair Training		N/A
Storage		N/A
Other: ⁰		
Vendor Discount		
Grand Total:		\$4,988.85

Part B: On-Going Annual Operating Costs

<u>Item</u>	<u>Cost</u>	<u>Comments</u>
Annual Service or Maintenance	0	
Estimated Parts Replacement Per Year	0	
Outside Standardization or Calibration Costs	0	
Storage Costs	0	
New Supply Costs	0	
Maintenance & Repair Labor	0	
Licensing or Software	0	
Other: _____		
Annual Operating Costs:		0

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

N/A

Part C: Incremental Labor Costs

OPERATOR:

Indicate the key operator: Faculty

Is the work in their current scope of duties? You're kidding, right? YES

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

Number of hours per month will the key operator use the equipment? 20 hours per semester mini

MAINTENANCE & REPAIRS

Indicate who will performing maintenance and repairs: faculty

Is the work in their current scope of duties? yes

Indicate cost to train for maintenance and repairs? N/A

Number of hours maintenance is required per month: N/A

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: **David Everett** Digitally signed by David Everett
Date: 2022.01.10 11:33:24
-08'00'
DATE:

DIVISION DEAN/MANAGER: Man Ho
DATE: 1/13/22

Click the Submit Button to Route

Signed Instructional Equipment Requests (IER) Directly to Admin Services

SUBMIT

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:

2924 French Camp Turnpike Rd
 PO Box 6219
 Stockton, CA 95206
 (209) 948-5401
 Fax (209) 462-5794



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RETAIL PURCHASE ORDER

Buyer: Las Positas College Date: 10/21/2021
 Address: 3000 Campus Hill Dr. City, State: Livermore, Ca Zip: 94551
 Invoice No: _____ Date: _____ Phone #: (925) 285-3954 Sales Tax District: ALAMEDA CO. Exempt
 Fax: _____ E-Mail: (925) 980-4906 P.O. # _____

New/Used	Make	Model	Serial #	Stock #	Description	Amount
New	Domries	SN-TH			Rear Hitch; Single Lip	\$96.00
New	Domries	SNCC-600-1216			SNCC-600-1216; Clod Crusher 10" Tub 12/16 Rings 6'	\$4,644.00

Year	Make	Model	Serial #	Stock #	Description	Trade-In Allowance	Freight:
							Subtotal: \$4,740.00
							Tax Rate: 5.250% \$248.85
							Calif. Tire Fee:
							Extended Coverage:
							UCC/Doc Fee:
Trade-In Allowance: _____ Amount Owning: \$ - Net Trade-In Allowance: _____							Total Delivered Price: \$4,988.85

"Trade-In's must be turned in or picked up no later than 5 days after delivery of purchased equipment."

Financing Terms:

Trade-In Allowance _____	Less Cash Down Payment* _____
Total Down Payment	
Unpaid Balance	\$4,988.85
PD Insurance:	_____
Other Charges:	_____
AMOUNT FINANCED OR DUE ON DELIVERY \$4,988.85	

Initial { SAFETY OR OPERATION/MAINTENANCE PROCEDURES: BUYER acknowledges receipt of the operators manual for the above equipment and understands safety in operation and maintenance procedures.

ROPS REFUSAL: BUYER has knowingly and voluntarily refused to purchase rollover protection structure after DEALER discussed with BUYER its importance and availability.

SOLD USED AS-IS: NO Warranty of any kind has been expressed or implied by the dealer or his agent.

SOLD WITH MANUFACTURER BASE WARRANTY*: Start- _____ End- _____ Hour Limit- _____

SOLD WITH MANUFACTURER POWERTRAIN WARRANTY*: Start- _____ End- _____ Hour Limit- _____

SOLD WITH EXTENDED COVERAGE PER ATTACHED PROVISIONS: _____

Deductible- _____ Start- _____ End- _____ Hour Limit- _____

ALL DEALER WARRANTY REPAIRS MADE UNDER THIS AGREEMENT MUST BE MADE IN DEALER'S SHOP AND BUYER IS RESPONSIBLE FOR ALL TRANSPORTATION COSTS INCLUDING PICKUP AND DELIVERY TO THE DEALERSHIP AND FIELD SERVICE CHARGES. THE WARRANTY DOES NOT INCLUDE ANY "LOANER" OR EQUIPMENT AT NO CHARGE DURING THE WARRANTY REPAIR. NO WARRANTY IS GIVEN BY THE DEALER FOR TIRES, BATTERIES, OR ACCESSORIES, AND THE BUYER IS FULLY RESPONSIBLE FOR REPAIRS NECESSITATED BY ACCIDENT, MISUSE OR NEGLIGENCE. THE BUYER IS RESPONSIBLE FOR INSURANCE ON THE PURCHASED PRODUCTS. SPECIAL ORDER DOWN PAYMENTS ARE NOT REFUNDABLE. *BUYER ACKNOWLEDGES RECEIPT OF THE MANUFACTURER'S WARRANTY INFORMATION.

I hereby agree to the conditions of this order expressed in the foregoing, constituting a purchase order contract. I hereby certify that I am 18 years or older and acknowledge receipt of a copy of this order. In order to secure buyer's obligations under this Agreement and any extension, renewal or modification thereof, buyer hereby grants to Dealer a security interest in all of the goods described herein, and all accessories and additions thereto and all proceeds thereof.

Buyer's Signature _____ Date _____

THIS ORDER IS VALID ONLY WHEN SIGNED AND ACCEPTED BY THE DEALER
 Salesman: Gy Thomson _____ Accepted by: _____
 Thank You! (Dealer's Signature)

RETAIL PURCHASE ORDER