

Instructional Equipment Request
2015-16

FALL 32

RECEIVED

OCT 27 2015

VP ACADEMIC SERVICES
LAS POSITAS COLLEGE

SECTION 1: SUMMARY INFORMATION

Brief Title of the Request: Shade covering

Equipment Location: Horticulture Yard

Name of Requestor: Thomas Fuller

Division/ Unit: BSBA

SECTION 2: EQUIPMENT DESCRIPTION

Check one of the following:

The equipment is: A replacement An upgrade New equipment/technology

Describe the specific equipment requested and how it will be used to replace, upgrade or provide new technology to the college from what is currently in place? If there is a legal requirement, a mandate, or safety concern for purchase of this equipment, please discuss and make specific reference to that regulation/concern. (Cost data should be recorded in Sec. 7)

[Click or tap here to enter text.](#)

SECTION 3: EDUCATIONAL ITEMS- PROGRAM REVIEW

Which educational programs or institutional purposes does this equipment support?

Horticulture

Is this equipment included in your Program Review? Yes No

If yes, please cut and paste the appropriate wording here. If not, explain why.

[Click or tap here to enter text.](#)

SECTION 4: TEACHING AND LEARNING

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

Impact on teaching: Shade area provides protection from wind and sun, necessary from many of the plant materials that are used in the Horticulture Program

Impact on learning: The ability to use live plants in instruction provides hands on learning opportunities for students.

Per academic year, this equipment will impact:

4 Number of classes or sections

120 Number of students

SECTION 5: OUTCOMES (SLOs)

By documenting your specific SLOs, how will equipment enable student learning outcomes to be achieved? What are the consequences related to learning outcomes if request is not funded?

Once shade materials wear out, we will no longer be able to support our plant collection.

SECTION 6: LPC PLANNING PRIORITIES

Please address how this equipment will serve the current LPC planning priorities.

I don't know.

SECTION 7: TOTAL COST OF OWNERSHIP (FINANCIAL & SUSTAINABILITY)

What is the potential life span of the requested equipment?: 20 to 30 years

What will be required to maintain the equipment, such as regular servicing or upkeep? Include these costs in initial and on-going costs below.

None

Where will the equipment be used or housed? If new storage is needed, describe the storage, location and costs to provide for it. Include these costs in initial costs below.

Horticulture Yard

Part A: Initial Start-up Costs

	Costs	Comments
Equipment or Materials	\$16,255 \$ 1,014	Base bid Corrugated polycarbonate option
Shipping or Delivery charges		
Installation costs		
Costs to modify facilities		
Vendor Discount		
Any Other Costs-training, etc.		Specify
Local Sales Tax		Included in equipment
Grand Total Costs =	\$ 17,732	Click the \$ and press F9 to calculate the grand total

A completed purchase order(s) and quote(s) for this total cost must be attached.

Part B: On-going Annual Operating Costs

Costs

Annual service or maintenance contract	\$ 0	
Estimated parts replacement each year	\$ 0	
Outside standardization or calibration costs	\$ 0	How often?
Storage costs	\$ 0	
New supply costs	\$ 0	
Any other costs, including labor		Specify
Annual Operating Costs =	\$ 0	How will costs be paid?

Part C: Incremental Labor Costs

Please describe who will be the key operator and who will perform the maintenance & repairs.

Horticulture instructors

Are these individuals already trained? If not, how will they be trained, how long is the training and is there a cost for the training. Please include the cost above in initial start-up. Is the maintenance, operation and repair currently within their scope of duties?

Training is not required

Estimate the amount of time required in a month to perform this maintenance or operation

None

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

This equipment will sustain the lives of our plant materials. It will also aid in the propagation of new plants, which will be available for use in the LPC landscape

Funded requestors will be expected to respond to a brief RAC feedback survey by a requested deadline. Requests for computer related equipment & printers must be reviewed by LPC IT Department

IT Department Authorized Signature: _____

Signatures:

Requestor

Date Originated: 8/28/15

Dean/Manager

Date Received 9/2/15

Vice President

Date Received _____



License number:750769



5/8/15

Tom Fuller
Las Positas College
3000 Campus Hill Dr.
Livermore, CA 94551

PROPOSAL (Revised 5/8/15)

PROJECT: We will provide labor only to replace the existing shade cloth on the roof and walls of two existing greenhouses, including the gables.

SPECIFICATIONS: Two gutter-connected IBG greenhouses, one greenhouse measuring 21' wide by 60' long and one greenhouse measuring 21' wide by 84' long. Both houses have a sidewall height of 10'. The roof and walls are currently covered with shade cloth.

SCOPE OF WORK: We will remove the existing poly lock system in the gutters and walls, as the plastic inserts in the locking system are brittle and no longer usable, but replacement materials are no longer available. We will remove the existing 1.5" wide aluminum strip that is at the midway point on all the walls. We will install new wire lock in the gutters and walls and we will install lock at the gable wall girts to prevent future cloth abrasion.

Since concrete has been poured in some of the areas, we will install approximately 80' of 2" by 2" angle on the lower girt at ground level, in order to create an attachment point for the new wire lock.

We will install new 40% knitted shade cloth on the roof, walls and gables. We will re-install the aluminum strip at the mid-point of the walls.

Option: On the north-east section of the roof measuring 24' long by 21' wide, we will install corrugated polycarbonate rather than shade cloth.

Customer will clear the area at the side walls, trim away the shrubs and trees growing next to the walls, and will remove the wooden planter on the south-east wall, to give our crew access to the walls and to the lock at the ground.

This bid is for labor only, and includes no materials. This bid does not include disposal of the used materials, or any unspecified repairs or renovations to the existing structure. The existing fiberglass on the walls and doors will remain in place as-is.

This bid does not include receiving, unloading or storage of materials, jobsite security,

