

# Materials, Services, Facilities and Technology Fee Fiscal Year 2019-2020 Budget Request Form

**DUE: Friday, January 25th, 2019**

If you have questions about this form, please contact David Daniels at [david.daniels@csuci.edu](mailto:david.daniels@csuci.edu)

For additional information please consult the MSFT web page

## ▼ Application

### Project or Activity Title

Storage unit for astronomy laboratory equipment

### Requestor

Clinton Harper

### Requestor Phone Number

8059904273

### Requestor Email

clinton.harper@csuci.edu

### Staff Support Member for Activity

Timo Schulze

### Staff Support Member Email

timo.schulze@csuci.edu

### Amount of MSFT Funding Requested

8209.40

### Date Funding Needed By

2019-02-22

### Are you a member of the Division of Student Affairs?

- No  
 Yes

### Please select your AVP/Dean

Kohli, Vandana - Dean of Arts & Sciences

Require\_DSA\_AVP\_Review

### Will you receive funds from any other source(s)?

- No  
 Yes

### Has this project or activity previously received MSFT funding?

- No  
 Yes

Please describe how the use of MSFT funds for this project or activity will benefit the CI student body.

Please provide the following in your application. You may attach additional files as needed (applicants may be requested to meet with the committee to discuss proposals)

**1. Brief Project Description**

Describe the project and its benefits to the educational or co-curricular experience of students at CI. Please provide specific information about how MSFT funds will be used and their impact on the campus. Please describe how this project benefits CI students? Please describe items and provide justification if your request includes the purchase of computers, equipment, furniture or other materials. Please provide a timeline for implementation of the proposed project. If physical improvements are requested please describe need, scope and impact of work to be completed. If the project includes provision of services please indicate the type of service, personnel costs and level or quantity of service to be provided with project funds.

**2. Project/Activity Budget**

Please enclose a complete detailed budget of the entire project. Indicate specific items of requested MSFT funding including (where applicable) a schedule and priority of project items to be considered if the project is funded at a reduced level. Were other, less costly, approaches considered when preparing the budget for the project? Are there elements that could be eliminated or deferred if funding is not available for the entire project?

**3. Project Assessment**

Describe how the effectiveness of the project will be assessed and measures that will be used to determine if it has attained its objectives. Please note a report will be due at the end of the semester (or fiscal year for annual projects). If funded, how will the project acknowledge the use of student funds so that students are aware that their student fees made (or helped to make) it possible? If appropriate, indicate how the project or activity promotes sustainability at CI.

**4. Sources of Project Support**

Please list the other sources of funding, and additional support for the activity. If this project or activity has been conducted previously please indicate how it was funded. Please explain if MSFT is the only source of support for the project.

**Brief Project Description**

Telescopes and associated astronomical equipment have been donated by private individuals to our university to support the laboratory component of our astronomy curriculum. Our expanded menu of astronomy courses has become increasingly popular as both general education courses and as part of our minor in astronomy degree program. The equipment is currently stored in a multi-purpose classroom/laboratory (SIE 2131) and is underutilized due to the logistical difficulty of moving the bulky and delicate equipment from Sierra Hall to an outdoor "dark sky" location for evening viewing. The location most frequently used by astronomy laboratory classes has been the campus soccer field. This proposal would fund the purchase of a 20 foot long secure steel storage unit that will allow the astronomy equipment to be stored adjacent to an appropriately identified and approved on-campus viewing location. Attached is a picture of the type of storage unit that we propose purchasing, although we would specify the tan color, rather than gray finish.

**Brief Project Description Additional Documents**

[Typical 20' storage container.png](#)

**Project/Activity Budget**

20' steel cargo container (new)	\$3,600.00
Installed solar-powered lighting	1,100.00
One side of installed shelving hardware	740.00
Subtotal	\$5,440.00

Sales Tax (7.25%)	394.40
Shipping	375.00
Equipment Total	\$6,209.40
Site Preparation (by CI FS staff)	\$2,000.00 (estimated)

**Project/Activity Budget Additional Documents**

[Quotation from PacVan.png](#)

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**Project Assessment**

The program facilitator (Clint D. Harper, Ph.D.), the astronomy laboratory instructor (Ron Wallingford) and the program's technician (Timo Schulze) will supervise the locating of the storage unit and the relocation of the astronomy equipment from Sierra Hall to the new storage site. The storage unit will be assessed for watertight integrity and installation will be coordinated with, and approved by, the University's Safety Officer before use by students or staff. The final project report will include a summary of the total number of student hours that the equipment in the storage unit was utilized over the reporting period. Depending on the availability of university staff, public "star parties" are also planned for the facility. Any public outreach use of the facility will also be summarized as part of the project assessment.

A sign will be attached to the inside of the storage unit acknowledging the source of funding and thanking the students for their monetary contribution. Acknowledge of the use of MSFT funding will also be included in the astronomy laboratory syllabus.

This project will be a working example of sustainability on campus. Interior illumination will be provided by highly-efficient LED lighting with the power produced by roof-mounted solar panels. 12 volt storage batteries used to power the astronomical equipment will also be charged utilizing photovoltaic panels.

**Project Assessment Additional Documents**

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**Sources of Project Support**

The astronomical equipment that will be housed in the facility has already been donated to the university. Additional donations will be acquired once secure storage space is available.

An additional solar panel, storage battery, and charging regulator has already been donated and will be used to run the astronomical equipment in the facility without the need for connection to utilities.

Incidental equipment and supplies (a case-hardened weatherproof padlock, wood shelving, LED flashlights, safety supplies, etc.) will be purchased from regular program funds.

**Sources of Project Support Additional Documents**

**Accounting String to Fund Any Overage Above MSFT Award**

Physics 785

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**Fiscal Management:**

Project sponsor's unit or department may be responsible for incurred over and above what is funded through the MSFT. If support is requested for costs beyond initial award, or for use on activities or materials not included in approved proposals, the project sponsor must seek approval from the MSFT committee. The project sponsor will be responsible for managing purchases, transfers of funds, and all transactions related to approved projects

Please review MSFT web page for information about the fund and its objectives before submitting your application.

 Clinton Harper Jan 25 2019

▼ AVP/Dean Review

- I recommend approval of the MSFT Funds Request described on this page
- I DO NOT recommend approval of the MSFT Funds Request described on this page

Comments

 Vandana Kohli Jan 25 2019

# FW: Purchase of new 20' storage unit Σ Inbox x



**Harold ValdeRuten Jr.** <hvallderuten@pacvan.com>

to me ▾

20' steel cargo container new \$ 3600

Solar light installed \$ 1100

Shelving 1 side -3 rows ( rails & brackets ) no wood

1 side- \$740.00

2 sides- 1480.0

Delivery \$375.00

Plus tax

Let me know if this helps you

**Harold ValdeRuten Jr.**

**Sales Representative**

**Pac-Van, Inc.**

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**Pac-Yan**  
800.546.1050

PVCU 210227  
22G1  
1

25' x 8' 6"

11c  
67

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PVCU 210227  
22G1

MAX.GR.  
TARE  
NET

CU.CAP.

