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Application Summary

Competition Details

Competition Title:	MSFT Applications for 2020-2021
Category:	Internal Funding
Award Cycle:	2020-2021
Submission Deadline:	4/10/2020 3:00 PM

Application Information

Submitted By:	Jerry Garcia
Appplication ID:	278
Application Title:	MSFT 20-21 Computers Upgrades - ITS Proposal
Date Submitted:	2/28/2020 9:44 AM

Personal Details

Applicant First Name:	Jerry
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Who is the Staff Support for Project/Activity?:	Dawn Canfield
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Application Details

Proposal Title

MSFT 20-21 Computers Upgrades - ITS Proposal

Brief Project Description

Computer Labs

Technology use in the modern classroom directly supports the CSUCI mission statement by providing teaching and learning tools to facilitate the learning within and across disciplines through integrated technology approaches.

In an effective modern teaching and learning environment, it is not only essential but also critical for technology in computer labs to be up-to-date with the most current standards. Making sure computers are up-to-date helps to prevent computer performance to taper off (all computer functions begin to slow down) as new software is added or upgraded to the latest versions. Most computer lab software and instructional materials (ex.: Canvas, MS Office, Adobe Creative Cloud, SPSS, MatLab, ArcGIS, multimedia, etc) will place high demands on a desktop's CPU, RAM, and graphics card in order to function properly.

Life expectancy of desktops in a computer lab should typically be around 3 to 4 years with full warranty. Full manufacture warranty covering the computers' lifespan helps expedite the servicing of any malfunctioning equipment and helps to avoid prolonged downtime.

While general technology and instructional funding has been used for computer replacement in the past, currently the university does not have a dedicated source of funding for the upgrading of computer labs.

Computer Centers

Just as Computer Labs, it is critical and essential for technology in computer centers to be up-to-date with the most current standards to provide continuity and a seamless learning experience to students. Computers in open areas such as student centers and labs get very heavy-duty use; they are often used 12 or more hours per day, much more than a typical consumer-level home computer. To facilitate rapid and efficient repair, the university must support standardized equipment (i.e., limited number of makes and models).

Laptop Classrooms

Technology use in the modern classroom directly supports the CSUCI mission statement by providing teaching and learning tools to facilitate the learning within and across disciplines through integrated technology approaches.

In an effective modern teaching and learning classroom environment, it is not only essential but also critical for technology in classrooms to be up-to-date with the most current standards. Making sure computers are up-to-date helps to prevent computer performance to taper off (all computer functions begin to slow down) as new software is added or upgraded to the latest versions. This is especially true for mobile devices such as tablets and laptops. Most classroom software and instructional materials (ex.: Canvas, MS Office, Adobe Creative Cloud, SPSS, MatLab, ArcGIS, multimedia, etc) will place high demands on a mobile device's CPU, RAM, and graphics card in order to function properly. An older laptop simply might not be able to run properly newer software versions that are designed to take advantage of the latest hardware technology available.

Useful lifespan of laptops should typically be around 3 to 4 years with full warranty. Full manufacture warranty covering the laptops' lifespan helps expedite the servicing of any malfunctioning equipment and helps to avoid prolonged downtime.

While general technology and instructional funding has been used for computer replacement in the past, currently the university does not have a dedicated source of funding for the upgrading of classroom laptops.

Library Classrooms: Librarians at Broome Library utilize best practices in teaching for their information literacy instruction sessions, which recognizes that lecture alone is not an effective educational strategy. As such, the instruction approach in the library relies heavily upon technology (currently, this means projector screens, and laptops used by students). The use of this technology allows students to see the various steps in the research process before trying to repeat the process on their own, during the hands-on research time that is part of every library session.

Instructor Computers

Technology use in the modern classroom directly supports the CSUCI mission statement by providing teaching and learning tools to facilitate the learning within and across disciplines through integrated technology approaches.

In an effective modern teaching and learning environment, it is not only essential but also critical for technology in classrooms to be up-to-date with the most current standards. In today's modern teaching environment, instructor computer stations are one of the most important tools instructors rely on for teaching. Making sure instructor computer stations are up-to-date helps preventing computer performance to taper off (all computer

functions begin to slow down) as new software is added or upgraded to the latest versions. Most computer lab software and instructional materials (ex.: Canvas, MS Office, Adobe Creative Cloud, SPSS, MatLab, ArcGIS, multimedia, etc) will place high demands on a desktop's CPU, RAM, and graphics card in order to function properly.

Life expectancy of desktops in a classroom should typically be around 3 to 4 years with full warranty. Full manufacture warranty covering the computers' lifespan helps expedite the servicing of any malfunctioning equipment and helps to avoid prolonged downtime.

While general technology and instructional funding has been used for computer replacement in the past, currently the university does not have a dedicated source of funding for the upgrading of instructor computer stations.

Amount of MSFT Funding Requested
336,700

Project/Activity Budget Detail
Computer Centers, Computer Labs, Laptop Classrooms, and Instructor Computers priorities listed are based on the opinion of ITS employees and their familiarity with the age, condition and usage of the locations affected. Please refer to the Proposal Budget Workbook Excel file for details.

Will you receive funds from any other source(s)?
No

Other Funding Sources
MSFT is the only source of support for the project.

MSFT is the only source of funding support for this project.

Has this project or activity previously received MSFT funding?
Yes

Acknowledgment

Fiscal Management
Project applicant/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 applicant/sponsor will be responsible for managing purchases, transfers of funds, and all transactions related to approved projects

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

CSU Channel Islands
MSFT Proposed Budget

2020-2021

Project or Acitivity Title	**Total Requested $$**	Please layout in detail when various components of your plan will be complete in order to achieve key milestones. This information will be use to forecast the spending of MSFT within the fiscal year. PS: all purchases/services need to be received and billed to CI before June 30th to account for the current fiscal year.
Chemistry Laboratory Instrumataion Refresh	$452,000	

MSFT Planning Budget Calendar 2020-2021

Items or services requested to be funded	July 2020 -Period 1	August 2020-Period 2	September 2020 -Period 3	October 2020 -Period 4	November 2020 -Period 5	December 2020 -Period 6	January 2021 -Period 7	February 2021 -Period 8	March 2021 -Period 9	April 2021 -Period 10	May 2021 -Period 11	June 2021-Period 12	Grand Total
Puchase of UPS Power Conditioner				$ 9,000.00									$ 9,000.00
Purchase Glove Box			$ 42,000.00										$ 42,000.00
Purchase of Spectrohotometer						$ 156,000.00							$ 156,000.00
Purchase of Fluorimeter							$ 39,000.00						$ 39,000.00
Purchase of Analytical Ultracentrifuge			$ 198,000.00										$ 198,000.00
Lab. Student assistant hours to set up equip.								$ 2,000.00	###	$ 2,000.00	###		$ 8,000.00
Total	$ -	$ -	$ 240,000.00	$ 9,000.00	$ -	$ 156,000.00	$ 39,000.00	$ 2,000.00	$ 2,000.00	$ 2,000.00	$ 2,000.00	$ -	$ 452,000.00

CSU Channel Islands
MSFT Proposed Budget

2020-2021

Project or Acitivity Title		Total Requested $$
Calssrooms,and Instructor Computers Upgrades (PCs, MACs and Laptops)		$ 336,700.00

Please layout in detail when various components of your plan will be complete in order to achieve key milestones. This information will be use to forecast the spending of MSFT within the fiscal year.
PS: all purchases/services need to be received and billed to CI before June 30th to account for the current fiscal year.

*formulas will calculate totals

MSFT Planning Budget Calendar 2020-2021

Items or services requested to be funded	Qty (PCs, Laptops and/or MACs)	July 2020 -Period 1	August 2020-Period 2	September 2020 -Period 3	October 2020 -Period 4	November 2020 -Period 5	December 2020 -Period 6	January 2021 -Period 7	February 2021 -Period 8	March 2021 -Period 9	April 2021 -Period 10	May 2021 -Period 11	June 2021-Period 12	Grand Total
Aliso 190	2			$ 2,500.00										
Aliso 132	11			$ 2,500.00										
MDR 1900	20			$ 25,000.00										
MDR 2608	5			$ 6,250.00										
SIE 1119	10			$ 17,700.00										
BRO LRC	8			$ 8,800.00										
BRO 1550	30			$ 37,500.00										
SIE 2432	25			$ 31,250.00										
BEL 1704	25			$ 27,650.00										
BRO 2480	53			$ 58,450.00										
BRO 2490	35			$ 38,650.00										
BRO 2680	25			$ 27,650.00										
MAN 1249	12			$ 13,200.00										
SIE 1141	19			$ 25,850.00										
BEL 1684	1			$ 1,250.00										
BEL 1704	1			$ 1,250.00										
BEL 1728	1			$ 1,250.00										
BEL 2582	1			$ 1,250.00										
NAP 1170	1			$ 1,250.00										
NAP 1190	1			$ 1,250.00										
OJA 1986	1			$ 1,250.00										
SIE 2334	1			$ 1,250.00										
SIE 2344	1			$ 1,250.00										
SIE 2411	1			$ 1,250.00										
SIE 2422	1			$ 1,250.00										
Total				$ 336,700.00										$ 336,700.00

MSFT SUMMARY REPORT

Please provide a summary of your submission and explain how MSFT funding has helped improve resources and experiences for students at CI. Feel free to add 2-3 photos.

Funds from this submission will be used to replace outdated classrooms and labs desktop student/instructor computers, laptops and MAC computers. The following table lists the proposed locations that will be improved. The proposed number of locations and priority of rooms to be improved listed below might change depending on the amount approved and funded for this request.

Location	Qty
Aliso 190	2
Aliso 132	11
MDR 1900	20
MDR 2608	5
SIE 1119	10
BRO LRC	8
BRO 1550	30
SIE 2432	25
BEL 1704	25
BRO 2480	53
BRO 2490	35
BRO 2680	25
MAN 1249	12
SIE 1141	19
BEL 1684	1
BEL 1704	1
BEL 1728	1
BEL 2582	1
NAP 1170	1
NAP 1190	1
OJA 1986	1
SIE 2334	1
SIE 2344	1
SIE 2411	1
SIE 2422	1

Up-to-date computers have helped improved resources and have played an important role in providing teaching and learning tools to facilitate the learning within and across disciplines through integrated technology approaches throughout the campus in labs and classrooms. The following table is a list of classrooms and labs that were or are on the process of being improved with last year's request:

Instructor Computers	Computer Labs and Laptops
BEL 1462	BRO 1330

BEL 1491	BRO 1550
BEL 1494	SIE 1131 TBD
BEL 1602	SIE 1212
BEL 1611	SIE 1432 TBD
BEL 1621	SIE 3314
BEL 1642	SIE 3332
BEL 1688	SIE 3344
BEL 1716	SIE 1334
BEL 1726	SIE 2111
BEL 2598	SIE 2121
MAN 1101	MVS 1908
MAN 1142	
MAN 1149	
SIE 1111	
SIE 1121	
SIE 1314	
SIE 1324	
SIE 1344	
SIE 1411	
SIE 1422	
SIE 2314	
SIE 2324	

Provide a summary of the status of your budget. Were you within budget? Was the entire allocation spent by end of FY? Overspent? An extension requested due to scope/materials change?

As of 2/26/20 Computer purchases are within budget. The entire amount has not yet been spent. We may be making another order of computers to address areas that were requested, if the budget allows. This should not require a time extension.

Additional statements or final comments you would like to provide to the MSFT committee: