Division of Academic Affairs
Technology Fee – Systemic Project Proposal
2019

Proposal Deadline: Friday, March 1, 2019 @ 5:00 pm

Project Proposal Type

Systemic Project

Projects proposed by operational units of the university (e.g., colleges, academic departments, Library, etc.) for instructional technology enhancements of unit-wide or university-wide scope.

All Systemic Project proposals must be acknowledged (signed) by the operational unit head (e.g. Dean, Chair, Director, etc.).

Project Title

Pace Library SMART Board Refresh

Total Amount of Funding Requested

$130,270.75

Primary Project Coordinator

Frederic Barry

Unit Head Acknowledgment
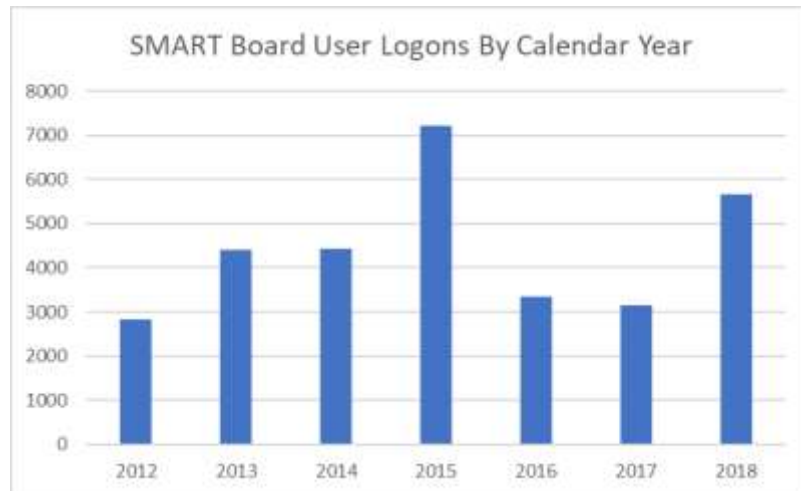
Unit Head Signature: _Stephanie Plause_   Date: 15 Feb 2019

Division of Academic Affairs
Systemic Project Proposal Template
2019

Systemic proposals must provide the following information:

1. **Description of initiative/investment to enhance instructional technology.**
   The 10 John C. Pace Library SMART Boards (two on the 1st floor of the Pace Library, and eight on the 2nd) have proven themselves to be one of our most popular services since their installation in the Summer of 2012. By tracking user logons we can say, for example, that **31,164** users have logged onto the SMART Boards and that of these users **6,132** were *unique*. These numbers represent a significant percentage of the UWF population even after accounting for students who have come to or graduated from UWF during this time.

SMART Board User Logons By Calendar Year

However, we believe that these numbers, while impressive on their own, do not speak to the full impact that the SMART Boards have on the UWF community because they only represent single-user logons. From observation we can say that the most common usage model for these devices is that they are used by *groups* of individuals ranging in size, on average, from two to six members. Once this is taken into consideration it is easy to recognize that these devices have proven themselves to be useful to a large and diverse percentage of the UWF population.

We are seeking to replace our existing SMART Boards for two key reasons:
   1) Our existing SMART Boards have been in heavy use for seven years and they are nearing their end of useful life. Yes, it is possible for us to keep them running via expensive service and replacement parts but it is likely that these types of repairs are going to become more frequent. We only have a limited number of SMART Boards so having one or more devices out of operation results in this service being severely degraded.

2) Interactive panel technology has benefitted from seven years of improvements and cost reductions since we obtained our devices. By upgrading our equipment to what is specified in this proposal we will be giving our users the ability to use and become familiar with modern technologies that they are likely to be exposed to once they leave UWF. More specific benefits gained by upgrading our SMART Boards are described in Item #4 below.

2. **Description of how initiative has a college/unit-wide or university–wide scope.**
   The University Libraries exists to serve *all* members of the UWF community regardless of unit, department, college, degree program, etc. Our SMART Boards have been and will be usable by anyone on campus who has valid UWF credentials. The SMART Boards themselves are connected to the UWF computer network, and, like all library-housed computer workstations, feature many pre-loaded applications that are used by a variety of disciplines. Some notable examples include the following:

   - CCDC Mercury – "Mercury offers a comprehensive range of tools for 3D structure visualization, the exploration of crystal packing and the statistical analysis of CSD search data." (https://www.ccdc.cam.ac.uk/solutions/csd-system/components/mercury/)
   - Solidworks – "Harness the power of the world's most widely used 3D design software in a fully-integrated engineering suite, backed by the community and resources students and educators need to be successful." (https://www.solidworks.com/product/solidworks-education)
   - ArcGIS Desktop & ArcGIS Pro – "Connect people, locations, and data using interactive maps. Work with smart, data-driven styles and intuitive analysis tools. Share your insights with the world or specific groups." (https://www.arcgis.com)
   - Kinovea – "Kinovea is a video player for sport analysis. It provides a set of tools to capture, slow down, study, compare, annotate and measure technical performances." (https://www.kinovea.org)

   A complete list of software applications that the library makes available can be found at https://uwf.edu/library/about/technology/software-availability/.

   In addition to making software available "on the big screen" for users, we have observed students using the SMART Boards in other ways to further their own educational goals and assist with collaborative work and learning. Specific examples include a) groups using the systems as "virtual white boards" to diagram, solve problems, and learn concepts across a variety of disciplines, b) groups of students using the SMART Boards to refine and rehearse presentations on a wide variety of topics, c) groups of students working together to write and debug programming code. As with all the technology services the library offers, the SMART Boards are made available to

everyone on campus to use in whatever way best suits their needs.

3. **Description of project alignment with the UWF Strategic Plan.**
This project aligns with UWF's Strategic Direction 1.1, 1.2 and the Libraries' Strategic Objective 1.0. We are in the business of providing *access* to students who wish to use our services. The Pace Library is open 112 hours per week (and longer during Final Exams) and nearly all our physical services (including these SMART Boards) are available while we are open. We also work to make using our services as frictionless as possible. For example, we do not require people to sign up to use our computers nor do we impose time limits, we do not restrict the use of services to any group, and we never impose requirements about how a service *should* be used.

This project also aligns with UWF's Strategic Directions 5.1, 5.2 and the Libraries' Strategic Objectives 7.0 and 8.0. The UWF libraries averages nearly half a million visitors per year so it can be said that our locations already are "…desirable destinations for educational, cultural, professional, and personal activities." Much of this success is due to the fact that we are continually making investments in our "…technical, intellectual, and physical infrastructure." Seven years ago, we took a chance and invested in UWF's infrastructure by repurposing space within the library and installing our existing SMART Boards. By submitting this proposal we are seeking additional investment to improve this popular service for UWF.

4. **Description of benefits provided.**
While it is true that the SMART Boards we are proposing represent an *upgraded* service rather than a *new* service, we believe that these new devices offer numerous and significant advantages over our current devices. The most significant benefits are briefly highlighted below.
   - Our current SMART Boards have a native projector resolution of 1280×800 pixels (or 1.024 megapixels). Our proposed screens are Ultra High Definition/4K content ready and have 3840×2160 pixels (8.294 megapixels) of display resolution. At a minimum this means that users will be able to view and interact with more items on screen at the same time while also enjoying vastly improved resolution across all applications. 4K native content is also becoming mainstream and these displays will ensure that users will be able to consume this content as it was intended.
   - The move from projector-based displays to ones that feature LED-backlighting eliminates distracting shadows from being cast on screen by presenters as they interact with the device.
   - Our existing SMART Boards interface with our computers in a way that essentially simulates a giant laptop track-pad over its surface. This is limiting in that it only allows for a single point of contact (e.g. single pen or mouse interaction depending on the mode). These new devices allow for "…up to 16

simultaneous interaction points (combination of 10 finger touch points, four pen touch points and two eraser touch points)."

- These new devices also feature "HyPr Touch™ (Hybrid Precision Touch) proprietary hybrid system, which greatly improves upon its InGlass™ core by optimizing both touch and pen performance, resulting in virtually no lag and zero contact detect height."

5. **Description of how success/impact will be measured.**
   The UWF Libraries will continue to gather statistical information related to the number of logons by users of the SMART Boards. In addition to this we may also solicit feedback from the users of this equipment to determine if it is meeting their needs or if we can do anything differently to make it more useful.

6. **Detailed description of resources required including hardware and software requirements and personnel costs (faculty compensation is not an allowed cost).**
   (Please provide quotes and detailed information when possible)

Item (*Vendor/Source Of Quote*)	Cost Per Item	# Of Items	Total Cost
Area repair, patching, painting and preparation (*UWF Facilities*) **Appendix A**	$6,270.00	1	$6,270.00
10 SMART Boards plus mounting hardware and cabling (*Diversified*) **Appendix B**	$8,271.66	10	$82,716.60
SMART Board professional services and installation (*Diversified*) **Appendix B**	$19,746.44	1	$19,746.44
Dell OptiPlex 7060 Tower PC or equivalent – proposed configuration has already been approved by ITS (*Dell*) **Appendix C**	$1,624.44	10	$16,244.40
StarTech 12U Computer Cabinet RK1236BKF & shipping costs (*CDWG*) **Appendix D**	$529.33	10	$5,293.31
TOTAL			$130,270.75

7. **All Tech Fee Proposals must be reviewed by ITS prior to submission. Please provide your JIRA Ticket # here.**
   JIRA ticket number **TF-71.** Submitted February 7, 2019 and approved February 14, 2019.

8. **Proposed timeline.**
   If this proposal is funded we will immediately begin the process of ordering and working with vendors to establish a project schedule. Our goal will be to have these pieces in place so that physical work on the space can begin on May 6, 2019 (the first day of Spring/Summer intersession). The schedule presented below reflects a "perfect world" scenario where all vendors and materials are readily available and there are no unforeseen circumstances that will impact the work.

   - **Release of funding through May 5, 2019** – The computers and computer cabinets will be ordered as soon as funds are released and will be stored on site until they are ready for deployment.
   - **May 6-10, 2019** – UWF Library staff will dismantle and remove/surplus the 10 existing SMART Boards, computers, and mounting hardware.
   - **May 11-27, 2019** – Working with UWF facilities and their contractors we will prepare the first and second floor areas for the new SMART Boards. At a minimum this will involve patching/repair of existing walls and painting.
   - **May 28 – August 20, 2019** – The SMART Boards will be delivered and installed by Diversified. In their Scope of Work, Diversified reports that a project like this should take 8 – 12 weeks to complete. Assuming the high end of this estimate, we anticipate that this project will be completed by August 20, 2019 – well in advance of the first day of classes for the Fall 2019 semester.

9. **Plan for sustainability beyond conclusion of funding from technology fee, if applicable.**
   Not applicable.

10. **Resource matching commitments from other organizations/sources (identify organization and amounts), if applicable.**
    Not applicable.

11. **Individual responsible for reporting and accountability, along with contact information.**
    Frederic Barry
    Systems Administrator
    University Libraries
    fbarry@uwf.edu
    Work: 850-857-6157
    Cell: 850-450-6003

APPENDIX A

Preliminary Scope Statement
PR 1819-039

Project: **Patch and Paint Walls B32 First and Second Floor Libraries**
Funding: Dept. Funded
Budget Category: **Requested Funding:** **$6,270**
Desired Completion Date: TBD

Background Info.: Current smart boards to be removed by department. First floor walll patching is sheetrock and corner to corner painting to match existing paint. Second floor wall patching is masonry patching and corner to corner painting to match existing paint.

Qualificaitons: Includes allowance for limited hardware removal.
After hours/summer time work figured.

Dependent Relationship: Technology Fee Grant Approval for the department.

CSI Divisions Related to Project		Budget
Div. 1	General Requirements	$0
Div. 2	Existing Conditions	$700
Div. 3	Concrete	$0
Div. 4	Masonry	$500
Div. 5	Metals	$0
Div. 6	Wood,Plastics, Cabinetry	$0
Div. 7	Thermal and Moisture	$0
Div. 8	Openings	$0
Div. 9	Finishes	$4,500
Div. 10	Specialties	$0
Div. 11	Equipment	$0
Div. 12	Furnishings	$0
Div. 13	Special Construction - Moving Contents	$0
Div. 14	Conveying Equipment	$0
Div. 21	Fire Suppression	$0
Div. 22	Plumbing	$0
Div. 23	HVAC	$0
Div. 25	Integrated Automation - IT & Cox	$0
Div. 26	Electrical & Lighting	$0
Div. 28	Electronic Safety and Security	$0
Div. 31	Earthwork	$0
Div. 32	Exterior Improvements	$0
Div. 33	Utilities	$0
Div. 34	Transportation	$0

Subtotal - Construction Cost			$5,700
Contingency		10%	$570
A/E - Design Services		N/A	$0
Contractor O/P		N/A	$0
Building Permit Fee		N/A	$0
Construction Subtotal			$6,270
	Grand Total		$6,270

Accounts are charged only for actual costs. All funds not utilized by the contractors, consultants, or permitting, will not be charged to the department.

Diversified.

Audio Visual Proposal

Date	Reference #
12/17/18	G09225

University of West Florida
Frederic Barry
11000 University Parkway
Bldg 32
Pensacola, FL 32514

Account Representative:
Susan Grant
Phone: 850-449-0627
Fax: 205.985.4756
Mobile:
E-Mail: sgrant@diversifiedus.com

Re: **UWF LIBRARY SMART UPGRADE 86 DISPLAY G0-9225**

#	Qty	Manufacturer	Model Number	Description	Unit Price	Ext. Price
				EQUIPMENT		
1	10	Smart	SBID-7286	SMART Board 7086 interactive display with iQ and SMART Learning Suite	$7,999.00	$79,990.00
2	10	Chief	XTM1U	Micro-Adjust Tilt Wall Mount X-Large	$256.16	$2,561.60
3	10	Kramer	C-USB3/AB-6	USB 3.0 A(M) to B(M) Cable-6ft	$6.19	$61.90
4	10	Kramer	C-HM/HM/ETH-6	HDMI Cable with Ethernet	$10.31	$103.10
				PROFESSIONAL SERVICES		
5	1	Tech Ops	AVE-SM-ENG	SMM - Engineer	$1,508.52	$1,508.52
6	1	Tech Ops	AVE-SM-PM	SMM - Project Manager	$1,302.84	$1,302.84
7	1	Tech Ops	AVE-SM-INS-TECH	SMM - Installation Tech	$6,056.80	$6,056.80
8	1	Tech Ops	AVE-SM-PROJ-COR	SMM - Project Coordinator	$151.42	$151.42
9	1	Tech Ops	HARDWARE	HARDWARE	$1,733.33	$1,733.33
10	1	General & Administrative	G&A	Includes all applicable Freight, Insurance, Permits, and Licenses as may be required by law.	$3,099.00	$3,099.00
				OPTIONAL		

Diversified.

One Diversified LLC
9555 Holsberry Lane Unit 3, Pensacola, FL. 32534

#	Qty	Manufacturer	Model Number	Description	Unit Price	Ext. Price
11	1	Tech Ops	*SVC-Classic	One-Year on-site maintenance agreement, parts- including product manufacturer management; labor- including exclusive Toll Free line for 2-Hour call back time; unlimited 2- Day On Site Emergency Service (Business hours, Mon.-Fri) and 1 scheduled preventative maintenance	$5,894.53	$5,894.53

SubTotal	$102,463.04	
Sales Tax	$0.00	
Total	**$102,463.04**	

Diversified.

One Diversified LLC
9555 Holsberry Lane Unit 3, Pensacola, FL. 32534

Your Shopping Cart

DELL eQuote

Savings $9,956.30

Subtotal (10) **$16,244.40**

✓ You've successfully saved a new eQuote - #1029782883209 ✕

Details

SmartBoard Technology Fee
Computers
Quote number # 1029782883209

Created February 1, 2019
Expires May 2, 2019
Created by fbarry@uwf.edu

Billing

Order contact
Frederic Barry, UWF Libraries
Dell Contract Code: 53AHF
Phone number: (850) 857-6157
Additional::
fbarry@uwf.edu

Tax exemption
I am not tax exempt

Shipping

Delivery method
FREE Standard Delivery

Trade compliance
No, I will not be exporting

Payment method

Description

SmartBoard Technology Fee Computers

Items	Quantity	Unit Price	Item total
OptiPlex 7060 Tower - Build your own Discounted unit price: $1,624.44 **Estimated Ship Date** Ships in 5 - 7 business days	10	$2,620.07	$26,200.70

Premier discount -$9,956.30
Catalog Number: 84 / xctoo7060mtusr

Category	Description	Code	SKU	ID
Processor	Intel Core™ i7-8700 (6 Cores/12MB/12 T/up to 4.6GHz/65W); supports Windows 10/Linux	GVT4H1R	[338-BNZW]	146
OptiPlex 7060 MT	Optiplex 7060 Mini Tower XCTO	GEL2Q5H	[210-AOKJ]	1
Operating System	Windows 10 Pro 64bit English, French, Spanish	GF48XA1	[619-AHKN]	11
Microsoft Office	No Productivity Software	GEKH8UQ	[630-AAPK]	1002
Memory	16GB 2X8GB DDR4 2666MHz UDIMM Non-ECC	GLPG2UO	[370-AEBG]	3
Hard Drive	M.2 512GB PCIe NVMe Class 40 Solid State Drive	GP5F2NC	[400-AWFW] [773-BBBC]	8
Additional Hard Drive	No Additional Hard Drive	G780XKR	[401-AANH]	637
Video Card	NVIDIA GeForce® GTX 1050, 2GB (DP/ HDMI/DL-DVI)	GKBP7HA	[490-BEGF]	6
CD ROM/DVD ROM	No Optical Disk Drive	GS2HK65	[429-ABFI]	16
Additional Storage Devices - Media Reader	No Media Card Reader Selected	GW2K1D6	[379-BBHM]	10
Wireless	No Wireless LAN Card	GE7Y41P	[555-BBFO]	19

APPENDIX C

2/1/2019   Your Shopping Cart

Category	Description	Code	SKU	ID
Driver	No Wireless	GVHB6TP	[555-BBFO]	7
PCI Card	No Parallel or Serial Port	GVEYOQ7	[492-BBFF]	698
Chassis Options	OptiPlex 7060 Tower with 260W up to 85% efficient Power Supply (80Plus Bronze)	G67A9OF	[329-BDSK]	116
Keyboard	Black Dell KM636 Wireless Keyboard & Mouse	GQX9AR1	[580-AEYY]	4
Mouse	Mouse included with Keyboard	GU54MYP	[570-AADI]	12
Back Cover	No Cover Selected	GKN16CQ	[320-BCGK]	376
Cables and Dongles	No Adapter	GKRDEM4	[470-AAJL]	592
External Speakers	No External Speaker	GTNM7E2	[817-BBBC]	200095
Non-Microsoft Application Software	Windows 10 Non-Embedded	GXY3BHT	[525-BBCL] [640-BBLW] [658-BBMR] [658-BBRB] [658-BCUV] [658-BDVV]	1003
Operating System Recovery Options	OS-Windows Media Not Included	GLA9OQ1	[620-AALW]	200013
E-Star	Energy Star	G6J34SM	[387-BBLW]	122
Raid Connectivity	No RAID	GS3UFWA	[817-BBBN]	1009
Network Card	No Additional Network Card Selected (Integrated NIC included)	G9MQCN3	[555-BBJO]	13
FGA Module	No FGA	NOFGA	[817-BBBB]	572
Placemat	MOD,PLCMT,QSG,7060,MT,DAO1	GR0FOKM	[340-CDYY]	60
Systems Management	Intel® vPro Technology Enabled	GFTZC4U	[631-ABQQ]	49
Protect Your New PC	No Security Software	NOSS	[650-AAAM]	1014
Optical Software	PowerDVD Software not included	GI5LS2C	[632-BBBJ]	597
TPM Security	Trusted Platform Module (Discrete TPM Enabled)	GJMDKT6	[329-BBJL]	297
Regulatory Label	Regulatory Label 7060 Mini Tower	GSX8752	[389-CXGK]	676
Processor Branding	8th Gen Intel® Core™ i7 vPro™ processor label	GJW1R0P	[389-CGJM]	749
Power Cord	System Power Cord (US)	GA5894N	[450-AAOJ]	20
Hard Drive Software	NO INTEL RESPONSIVE	GH8DSLC	[551-BBBJ]	707
CompuTrace Offerings + Stoptrack Label	No Computrace	GO1F2XY	[461-AABF]	697
UPC Label	No UPC Label	G8WGTYN	[389-BCGW]	292
Documentation/Disks	Safety/Environment and Regulatory Guide (English/French Multi-language)	G7RB0GY	[340-AGIK]	21
Canada Ship Options	US No Canada Ship Charge	G3IA0L8	[332-1286]	111

2/1/2019   Your Shopping Cart

Category	Description	Code	SKU	ID
Packaging	Ship Material for OptiPlex Tower	G7G214X	[340-CDWT] [389-BBUU]	465
Additional Video Ports	No Additional Video Ports	GWFXAL0	[492-BCKH]	495
Transportation from ODM to region	Standard shipment	GQT8IGC	[800-BBIO]	200080
Hardware Support Services	5 Years ProSupport with Next Business Day Onsite Service	G5R49Q2	[812-3886] [812-3900] [812-3910] [989-3449]	29

Item total: $16,244.40

Savings: $9,956.30

Subtotal (10): $16,244.40

Savings	$9,956.30
Subtotal (10)	**$16,244.40**

Cookie Consent

APPENDIX C

Requests   9

UWF Service Desks / ITS Support Center / ITS-83810

($) Dell quote CLOSED

Comment on this request...

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Share

Activity

Shared with

Your request status changed to **Closed** with resolution **Approved**.   5 days ago 12:03 PM   LATEST

Frederic Barry
Creator

Chase Green   5 days ago 12:03 PM

Hi,

This quote meets the recommended specifications for a University machine. This quote has been approved.

Thank you.

Frederic Barry   5 days ago 11:04 AM

dell_quote.pdf *(622 kB)*

Details   5 days ago 11:04 AM

Contact Number
6157

Description
Quoting 10 Dell PC's that will be used to run our SmartBoards if we're approved for a Technology Fee project. Depending on when the Tech. Fee's are awarded this particular configuration/quote may not be available and in this case I'll requote and re-submit before purchasing.

Purpose
Quote for Tech. Fee - want to get ITS' blessing before including it in my proposal.

Jira Service Desk (3.15.1)   ·   Atlassian

QUOTE CONFIRMATION

CDW•G PEOPLE WHO GET IT

DEAR FREDERIC BARRY,

Thank you for considering CDW•G for your computing needs. The details of your quote are below. Click here to convert your quote to an order.

QUOTE #	QUOTE DATE	QUOTE REFERENCE	CUSTOMER #	GRAND TOTAL
1BXKSHR	2/1/2019	PC CABINET	170875	$5,293.31

QUOTE DETAILS

ITEM	QTY	CDW#	UNIT PRICE	EXT. PRICE
StarTech.com 12U 36in Knock-Down Server Rack Cabinet with Casters Mfg. Part#: RK1236BKF UNSPSC: 24102001 Contract: MARKET	10	2633632	$397.99	$3,979.90

PURCHASER BILLING INFO		
Billing Address: UNIVERSITY OF WEST FLORIDA ACCOUNTS PAYABLE, 20E 11000 UNIVERSITY PKWY BLDG 20E PENSACOLA, FL 32514-5750 **Phone:** (850) 474-2627 **Payment Terms:**	SUBTOTAL	$3,979.90
	SHIPPING	$1,313.41
	SALES TAX	$0.00
	GRAND TOTAL	**$5,293.31**

DELIVER TO

Shipping Address:
UNIVERSITY OF WEST FLORIDA
ATTN:FREDERIC BARRY
11000 UNIVERSITY PARKWAY
B32, R142
PENSACOLA, FL 32514
Phone: (850) 474-2627
Shipping Method: DROP SHIP-COMMON CARRIER

Please remit payments to:

CDW Government
75 Remittance Drive
Suite 1515
Chicago, IL 60675-1515

Need Assistance? CDW•G SALES CONTACT INFORMATION

| Patrick Lendabarker | | (877) 378-4671 | | patrlen@cdwg.com |

This quote is subject to CDW's Terms and Conditions of Sales and Service Projects at
http://www.cdwg.com/content/terms-conditions/product-sales.aspx
For more information, contact a CDW account manager

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