UNIVERSITY OF LOUISIANA AT LAFAYETTE

STEP Committee

Technology Fee Application

FGM 207 Interactive Classroom Enhancement

Title

Nadine B. Prendergast

Name of Submitter

College of Business Administration (MCOBA)
Information Systems & Multimedia Laboratories (ISM)

Organization

Title: **FGM 206 Interactive Classroom Enhancement**   Date: July 1, 2016

Name (Contact Person):   Nadine B. Prendergast

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Department/College/Org: Moody College of Business Administration (MCOBA)

                           Information Systems & Multimedia Laboratories (ISM)

ABSTRACT (250 words or less):

The purpose of this grant is to furnish FG Mouton 207 with technology that will enhance the classroom experience for the learner as well as the instructor. Currently the classroom has no technology and they still use chalk boards. The Moody College of Business Administration's Office of Information Systems & Multimedia Laboratories (MCOBA ISM) wants to create an inclusive learning environment with an Interactive SMART TV and podium, including all of its components. In addition to being used by all disciplines in the Moody College of Business, the Colleges of Liberal Arts and Sciences regularly use the room for Communications, Math, and Statistics classes. If this grant is funded, FG Mouton 207 will be a model classroom that can accommodate various teaching styles and continue to serve the needs of our campus.

Impact on Students

Because of the lack of technology, the classroom is currently not being as heavily used as it could be. This grant will enable the College of Business and the rest of the University to take advantage of a state of the art facility. This new interactive technologies will allow students across several disciplines to collaborate with others students and with their professors. If this grant is funded, it will enhance the College of Business and the University as whole by improving the learning experience of students and the impact on incoming freshmen's initial perception of our campus.

Interactive SMART TV System and Podium

This system promotes classroom collaboration allowing multiple users to access the Interactive SMART TV through their laptop, tablet, or phone. Users can use their finger or a pen to simultaneously write, draw, and manipulate content with the SMART collaborative learning software. The system does not require a separate multiuser mode, so instructors can enable collaboration instantly.

Due to the multitude of features available with this system, users will need to be trained. It will be MCOBA ISM's responsibility to learn the capabilities of the SMART TV and its interactive capabilities so we can effectively train individuals to use this powerful teaching tool. The vendor will also be available to provide demos for users. MCOBA ISM will immediately troubleshoot any problems that may occur. MCOBA ISM maintains over 100 faculty and staff PCs, 8 classrooms in Moody Hall and 13 classrooms in FGM enhanced with SMART technology. Moody Hall has a testing and assessment lab with 81 computers. MCOBA ISM is prepared to handle the additions that this grant will provide.

Projected Lifetime of Enhancement

This equipment is expected to have a five-year life span. In five years the room and its needs will be reassessed and a new grant will be submitted to update the equipment.

The person(s) responsible for implementation and oversight of this project is Mrs. Nadine B. Prendergast, MCOBA ISM Manager. Specific responsibilities include:

   a. Implementation
          MCOBA ISM
   b. Installation
          GoMedia will install the interactive SMART TV and accessories.
   c. Maintenance
          MCOBA ISM
   d. Operation
          MCOBA ISM
   e. Training (with qualifications)
          MCOBA ISM will train faculty and staff assigned to the room.

Budget Proposal

Qty.	Description	Price Each	Extension
1	Universal Flat Screen Tilt Wall Mount	$281.60	$281.60
1	Cable Lock	$71.20	$71.20
1	Universal Full Metal Jacket	$146.67	$146.67
2	4' x 4' Dry Eraser Board	$161.17	322.34
1	33' USB Extension Cable	$28.33	$28.33
1	AirMedia	$1,066.67	$1,066.67
1	MLC226IP Controller	$1,020.00	$1,020.00
1	IN1608 Switcher w/Stereo Amp	$2,660.00	$2,660.00
1	DTP Receiver (HDMI)	$366.67	$366.67
1	Cable Cubby 500	$200.00	$200.00
1	Cable Cubby Power	$260.00	$260.00
1	12' VGA Micro Cable	$44.00	$44.003
3	12' HDMI Ultra Series Cable	$60.00	$180.00
2	HDMI-F to DVI-M Adapter	$26.67	$53.34
1	3-Gang Desktop Wedge Box	$146.67	$146.67
1	SM3 Wall-Mount Speakers (Pair)	$186.67	$186.67
1	9 Outlet Rack-Mount Power Bar	$95.33	$95.33
2	1 Space Vented Rack Blank	$12.15	$24.30
2	2 Space Vented Rack Blank	$14.67	$29.34
1	Custom 26" Wide Multimedia Podium	$1,532.00	$1,532.00

1	5 Port Gigabit Greennet Switch	$26.43	$26.43
1	Digital Document Camera	$2,520.57	$2,520.57
1	Document Camera Security Lock	$68.68	$68.68
1	65" Interactive Smart TV	$5,500.00	$5,500.00
1	Flat Screen Wall Mount	$281.60	$281.60
2	55" LED Display	$1,540.00	$3,080.00
2	Large Thinstall Dual Swing Arm Wall Mount	$428.00	$856.00
2	75' HDMI Fiber Cable	$399.43	$798.86
1	1x2 HDMI DA	$460.00	$460.00
1	6' HDMI Ultra Series Cable	$46.67	$46.67
75	Plenum, Shielded Cat5e Cable (per foot)	$0.67	$50.25
150	Plenum, Unshielded 16ga Speaker Cable (per foot)	$0.27	$40.50
25	Plenum, Shielded 2-Pair 22ga Audio/Control Cable (per foot)	$0.36	$9.00
	Labor	$5,185.00	$5,185.00

TOTAL	**27,638.69**

Timeline/Implementation Schedule

Spring 2017 – Place order for project
Summer 2017 – Installation
Fall 2017 – Implementation

Previously Funded STEP Projects

Expansion of Digital Signage. Fall 2015. $9,149.46. Nadine Bayard.