

UNIVERSITY OF LOUISIANA AT LAFAYETTE

STEP Committee

Technology Fee Application

Technology Request for the Smart Classroom in the
A. Hays Town Building

Title

LouAnne Greenwald

Name of Submitter

(Faculty or Staff Only)

**Hilliard Art Museum – UL
Lafayette**

Organization

Title: Technology Request for the Smart Classroom Date: 7/5/2023
in the A. Hays Town Building

Name (Contact Person): LouAnne Greenwald

Address: 710 East St. Mary Blvd

Phone Number: 337-482-1369 Email: louanne.greenwald@louisiana.edu

Department/College/Org: Hilliard Art Museum

ABSTRACT (250 words or less):

The Hilliard Art Museum (Hilliard) at University of Louisiana at Lafayette is planning to create a café and educational space in the A. Hays Town Building (Town Building). The Hilliard requests funding to support the purchase and installation of technology software and hardware to create a smart classroom and meeting space for UL students and faculty in the historic landmark building. Built in 1967 as the original museum and inspired by classical Louisiana architecture, the Town Building is underutilized due to its need for repairs and updates. Currently, the classroom space is virtually empty, housing only a podium with A/V capability, projector, and screen. With major system upgrades, modernizing the facilities (ADA compliant restrooms and elevator) and adding a café on the first floor and a smart classroom with educational technologies on the second floor, the Town Building will provide UL students with a new Wi-Fi equipped classroom and meeting space with convenient access to the museum and its galleries. The goal of this request is to outfit the space with monitors, a podium with A/V equipment, touch panel with wireless capabilities, laptop, PTZ camera, and speakers. The acquisition of these materials would provide a reliable solution to technology access across campus and the community, creating a new space on campus for students to study and socialize.

A. Purpose of Grant and Impact

This request is to acquire new technology hardware and software in the A. Hays Town Building (Town Building) at the Hilliard Art Museum, a department of the University of Louisiana at Lafayette. This second-floor smart classroom will serve the campus providing a flexible space for hosting classes, lectures, and programming. Classroom technologies include a computer, interactive whiteboard, and projector which will allow more opportunities for students to interact with the content, the teacher, and each other. Additional renovations include updating the electrical systems and Wi-Fi to support the new equipment and ensure maximum capability and making the building more accessible to all.

This technology would greatly enhance students' use of the building. Over the past year, the Hilliard has hosted nearly 10,000 visitors. The museum caters to a broad audience including UL students and faculty, as well as campus visitors, museum members, school groups, tourists and guests attending events and programs. From July 2022 through June 2023, the Hilliard served 1,602 students including both UL classes and K-12 school groups. A long-standing partnership with Festivals Acadiens each year brings thousands of visitors and community members to the campus art museum to complement their experience of our music and culture.

The technology in the Town Building is outdated and faulty. Currently, the space houses a projector screen and moveable wooden podium with a damaged cable that runs the length of the wall and ceiling to connect to a ceiling-mounted projector via gaffer's tape. University or at times personal laptops are used to connect to the projector, depending on the viability of the cable that must be regularly replaced. The temporary nature of the outdated equipment, lack of a consistent internet connection, and defective wiring renders the space almost useless. Additionally, independent contractors and ULL Information Technology Network Services must send representatives several times a month to inspect the facility because of malfunctioning equipment or connectivity issues, usually to no avail. Installing new hardware and software will alleviate the need for regular disposable equipment replacement and contractors' inspections.

The museum is working with Jeff Kelly, UL Networking Facilities and Construction, on plans to upgrade the Wi-Fi, ensuring a strong connection in the smart classroom and the café and meeting spaces. Director LouAnne Greenwald will work with Jeff as well as RCFI (Ragin Cajuns Facilities, Inc.) on the creation of the classroom, and Go Media is the vendor that will supply and install the equipment. Go Media has worked with the university on other smart classrooms and will also provide training for the Hilliard staff on equipment maintenance and operation.

The entire renovation of the Hays Town Building is estimated at \$1.5 million and has been supported through individual donations, public grants, and the UL Foundation. The fundraising portion is nearly fulfilled, with only \$160,000 left to raise to begin renovation. With support from the Office of STEP Services, the smart classroom will be fully funded, bringing the fundraising closer to completion. This next phase of growth for UL's Hilliard Art Museum strengthens the museum's role as an interdisciplinary partner for student research and learning and as a gathering space that will bring diverse people from campus and community together to support our educational mission. Having support from the STEP Council would be a first-time award for the museum.

B. Projected lifetime of enhancement

The projected lifetime of the enhancement benefits is 5-10 years.

C. Person(s) responsible for

- a. Implementation: LouAnne Greenwald
- b. Installation: Go Media including design, engineering, installation, and programming
- c. Maintenance: LouAnne Greenwald and technical support staff
- d. Operation: LouAnne Greenwald and technical support staff
- e. Training: Systems implemented through this renovation are industry standard. Introductory training is available through Go Media and support staff.
- f. Qualifications:
 - i. LouAnne Greenwald is the Director of the Hilliard Art Museum and is leading the renovation of the A. Hays Town Building.
- g. STEP Plan Alignment (https://step.louisiana.edu/sites/step/files/STEP%202021-2026_0.pdf)
 - i. SLO-1
 - ii. SLO-3

- iii. SLE 3.3
- iv. SLE 3.4
- v. SLO 7

D. Narrative of the Proposal

LouAnne Greenwald is willing to be responsible for the purchase, installation, and maintenance of the equipment.

See Go Media estimate for list of equipment and purpose.

Budget Proposal

1.	Equipment	\$32,726.32
2.	Software	\$ 0
3.	Supplies	\$ N/A
4.	Maintenance	\$ 4,725.00 installation
5.	Personnel	\$ N/A
6.	Other	\$ N/A
TOTAL:		\$ 37,451.32



State Contract #4400022153

Proposal To:

ULL

For:

Hilliard Art Museum

September 12, 2022

ART MUSEUM

SCOPE

Install 86" TV on wall between windows. Install two 50" TVs just past column back of room. There will be a podium that will hold all the equipment. Touch panel will be mounted on the podium and will have wireless capabilities. There will be a laptop and USB connection on the podium. The control system will turn TVs on and off, switch inputs, control volume, and camera. Install PTZ camera on beam. Speakers will be installed in each corner of the room.

SYSTEM A








IMAGE	QTY	DESCRIPTION	PRICE	PRICE EXT
	1	Rack Accessory Package 1 Rack Accessory Package 1	\$0.00	\$0.00
	1	CC500 + AC/USB Package Cable Cubby 500 + USB/AC Power Module	\$0.00	\$0.00
	1	Exact PM-300-C Podium Package 26" Lectern w/Standard Accessories	\$0.00	\$0.00
	1	Wiremold 2300BAC Surface Mount Panduit Kit 001 Surface Mount Wire Molding Kit	\$0.00	\$0.00
	1	1139438 AV Kit 19 \$34454.67	\$32,726.32	\$32,726.32
	1	LG Electronics 86UR340C9UD HDMI(3), RS-232C(1), USB(1), RF in(1), audio out(1), RJ45, NO EXT. SPK OUT	\$3,249.64	\$3,249.64
	2	LG Electronics 50UR340C9UD 50" UHD, Resolution3840 X 2160 (UHD),DirectBacklight Unit Type webOS 6.0(NOT SCAP support), USB Cloning, SI Compatible Protocol, TVLink Tuner, HTNG-CEC, Simplink(HDMI-CEC), IR Out, Multi IR Code, Hotel Mode / PDM / Installer Menu, Welcome Video , Welcome Screen (Splash Image), Insert Image, RJP (remote jack pack) Compatibil, Teleadapt/Guestlink (HDMI CEC), USB Auto playback USB Auto playback, Moving Picture Playback (SD/HD/Plus HD), Auto Off / Sleep Timer, Energy Saving mode, Motion Eye Care, Crestron Certi. Compatibility, DPM (Digital Power management), Time scheduler , SuperSign Control SW Compatibiltity , Moving Picture Playback (SD/HD/Plus HD), Auto Off / Sleep Timer, Energy Saving mode, Motion Eye Care, Crestron Certi. Compatibility, DPM (Digital Power management), Time scheduler , SuperSign Control SW Compatibiltity	\$1,035.04	\$2,070.08















IMAGE	QTY	DESCRIPTION	PRICE	PRICE EXT
	1	Chief XTM1U Micro-Adjust Tilt Wall Mount, X-Large	\$378.61	\$378.61
	2	Chief TS318TU MEDIUM SWING ARMS DUAL STUD	\$394.46	\$788.92
	3	Chief CSMP9X12 PROX,MOUNT PLATE,9X12	\$47.43	\$142.29
	1	AVer COM520PR2 CAM520 Pro2 Conference Camera	\$1,330.44	\$1,330.44
	1	Vaddio 440-1005-065 ACTIVE OPTICAL USB 3.0 A/B PLENUM 20M	\$719.01	\$719.01
	1	Startech USBEXTAA10BK 10 FT BLACK USB EXTENSION CABLE A TO A	\$6.45	\$6.45
	1	Netgear GS305P-200NAS Netgear 300 GS305P PoE+ Unmanaged Ethernet Switch	\$88.38	\$88.38
	4	Black Box CAT6PC-004-BK CAT6 250-MHz Molded Snagless Patch Cable UTP CM PVC BK 4FT	\$3.78	\$15.12
	1	Black Box CAT6PC-010-BK CAT6 250-MHz Molded Snagless Patch Cable UTP CM PVC BK 10FT	\$5.69	\$5.69
	1	Kramer Electronics KT-107 7" S1 tabletop/in-wall Black Touch Panel	\$1,304.99	\$1,304.99
	1	Kramer Electronics SL-240C 16-Port Master Room Controller Compact	\$906.83	\$906.83
	1	Extron Electronics 60-1699-13 IN1804 DO Four Input 4K/60 Seamless Switcher with DTP2 output	\$2,861.31	\$2,861.31
	1	Extron Electronics 60-1607-01 DA2 HD 4K PLUS Two Output 4K/60 HDMI Distribution Amplifier	\$678.83	\$678.83
	2	Extron Electronics 60-1271-12 DTP HDMI 4K 230 Tx HDMI Twisted Pair Transmitter - 230 feet (70 m)	\$416.06	\$832.12
	3	Extron Electronics 60-1271-13 DTP HDMI 4K 230 Rx HDMI Twisted Pair Receiver - 230 feet (70 m)	\$416.06	\$1,248.18
	1	Extron Electronics 60-1449-01 MPA 601-70V One Channel Amp, 60 watts at 70 volts	\$430.66	\$430.66
















IMAGE	QTY	DESCRIPTION	PRICE	PRICE EXT
	4	Extron Electronics 26-663-03 HDMI Ultra/3 4K Premium High Speed HDMI Ultra-Flexible Cable - 3' (90 cm)	\$43.80	\$175.20
	2	Extron Electronics 26-663-06 HDMI Ultra/6 4K Premium High Speed HDMI Ultra-Flexible Cable - 6' (1.8 m)	\$62.77	\$125.54
	1	Extron Electronics 26-663-12 HDMI Ultra/12 4K Premium High Speed HDMI Ultra-Flexible Cable - 12' (3.6 m)	\$78.83	\$78.83
	2	Extron Electronics 60-604-02 RSB 129 1U 9.5" Deep Basic Rack Shelf	\$62.77	\$125.54
	1	Shure MX418S/C Cardioid-18" Gooseneck Condenser Microphone, Attached Preamp with XLR, Shock Mount, Flange Mount, Snap-Fit Foam Windscreen, Mute Switch, LED Indicator	\$274.45	\$274.45
	1	C2G CG27364 1m USB A/M to MICRO B/M	\$8.95	\$8.95
	2	JBL Professional Control 25-1 5¼" 2-WAY SURFACE-MT SPKR, BLK, PAIR	\$411.68	\$823.36
	1	Biamp Systems TesiraFORTE AVB VT4 TesiraFORTe AVB VT4	\$2,262.77	\$2,262.77
	3	Biamp Systems Parle TCM-1 White AVB Beamtracking™ ceiling microphone, white pendant	\$1,313.87	\$3,941.61
	3	Biamp Systems Parle TCM-1EX White Expansion AVB Beamtracking ceiling microphone, white pendant	\$686.13	\$2,058.39
	1	Biamp Systems TesiraCONNECT TC-5 TesiraCONNECT TC-5	\$985.40	\$985.40
	300	West Penn Wire 254246AFBK1000 4PR 23G SHLD CAT6A CMP	\$1.11	\$333.00
	100	West Penn Wire D25430GY1000 2P 22G STR I/SHL DATAPLEN	\$0.47	\$47.00
	200	West Penn Wire 25225BBK1000 1P 16G STRD UNSHLD PLENII	\$0.29	\$58.00
	1	Middle Atlantic PD-915R-SP 9 OUTS15A SERIES SURGE	\$591.24	\$591.24


















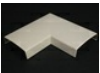
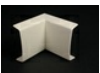


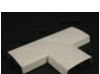
IMAGE	QTY	DESCRIPTION	PRICE	PRICE EXT
	2	Middle Atlantic VT1 1SP PERFORATED VENT PANEL	\$17.74	\$35.48
	2	Middle Atlantic VT2 2SP PERFORATED VENT PANEL	\$22.34	\$44.68
	1	Middle Atlantic TW12 (12)CABLE/WIRE MGMT STRPS	\$16.42	\$16.42
	1	Middle Atlantic LBP-1A 10 PACK L LACER BAR	\$41.39	\$41.39
	1	Extron Electronics 70-1045-02 Cable Cubby 500 Cable Cubby 500, Black, No AC	\$262.77	\$262.77
	1	Extron Electronics 60-1891-01 AC+USB 314 US, Cord US (2) AC, (1) USBC, (1) USBA Outlets, 12 A Circuit Breaker, Integrated PS, 2 Outlets Under	\$445.26	\$445.26
	1	Exact Furniture PM-300-C 26" Wide Lectern	\$973.72	\$973.72
	2	Exact Furniture PM-DOOR Locking door for PM-300 or PM-900	\$137.23	\$274.46
	2	Exact Furniture QFAN Quiet Cooling Fan (50CFM)	\$110.95	\$221.90
	2	Exact Furniture SH-SIDE Flip up side shelf	\$145.99	\$291.98
	1	Exact Furniture RE-BACK Removable back	\$153.28	\$153.28
	1	Exact Furniture CUT-OUT Custom cutout	\$86.13	\$86.13
	1	Exact Furniture KEY Keyboard slide	\$153.28	\$153.28

IMAGE	QTY	DESCRIPTION	PRICE	PRICE EXT
	2	Exact Furniture RR-16 16RU Rack Rails (pair)	\$93.43	\$186.86
	1	Exact Furniture PB 15A 8 outlet surge protect power bar 6' cord	\$67.15	\$67.15
	100	Wiremold 2300BAC 10 pack 5ft 2300 RCWY Base and Cover V	\$4.34	\$434.00
	1	Wiremold 2348 NM DEEP DEV BOX 2300 IV	\$8.03	\$8.03
	6	Wiremold 2311 NM FLAT 90 D ELBW 2300 IV	\$2.99	\$17.94
	6	Wiremold 2317 NM INT.ELBOW 2300 IVORY	\$2.99	\$17.94
	6	Wiremold 2318 NM EXT.ELBOW 2300 IVORY	\$2.99	\$17.94
	20	Wiremold 2306 NM COVER CLIP 2300 IVORY	\$1.08	\$21.60
	2	Wiremold 2315 NM TEE 2300 IVORY	\$3.64	\$7.28

LABOR & INTEGRATION

	HOURS	RATE	PRICE
Install 1139823	45.00	\$105.00	\$4,725.00

ACCEPTANCE

ACCEPTANCE

PAYMENT SCHEDULE
Net 30

EQUIPMENT TOTAL	\$32,726.32
SHIPPING TOTAL	\$0.00
<hr/>	
INSTALLATION	\$4,725.00
<hr/>	
SUBTOTAL	\$37,451.32
TOTAL SALES TAX	\$0.00
PROJECT TOTAL	\$37,451.32

TERMS

I accept this proposal and hereby authorize Go Media, LLC to proceed with the installation of the included systems at the facilities of ULL constructing at Griffin Hall Lafayette, La as described in the totality of this document. I further authorize Go Media, LLC to be granted the facility access that will be required to complete this project in a workmanlike and timely manner and for payment to be made to Go Media, LLC. In keeping with the Terms of Payment listed above. It has been made clear to me that there exist no understandings regarding this project with any relevant party unless and until ULL and Go Media, LLC agree to such additional or alternate understandings in writing. Project cost and pricing are dependent upon a continual flow of work without interruption or delays imposed by ULL or their staff, construction, other building trades or any other party, and additional costs may be incurred by ULL from Go Media, LLC. If such delays result in additional costs that are not covered by the pricing in this proposal. I agree that any additions to and/or deletions from the materials and labor to be provided by my acceptance of this proposal and any resulting change(s) in cost of this project shall only be by way of written change order(s) and shall be valid only after being signed by ULL and Go Media, LLC. This proposal is valid only if accepted in writing and/or Purchase Order issued by ULL.

ACCEPTANCE

ULL

SIGNED

DATE

PRINT NAME

TITLE

GO MEDIA, LLC

SIGNED

DATE

PRINT NAME

TITLE