

UNIVERSITY OF LOUISIANA AT LAFAYETTE

STEP Committee

Technology Fee Application

**Moody Hall Lobby Electrical Enhancement and
Augmentation**

Title

B.I. Moody III College of Business Administration

Angel Littlejohn, MS

Information Systems and Multimedia Labs Manager

Name of Submitter

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

Organization

Title: Moody Hall Lobby Electrical Enhancement & Augmentation

Date: January 15, 2020

Name (Contact Person): Angel Littlejohn

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Department/College/Org: Moody College of Business Administration (MCOBA)
Information Systems & Multimedia Laboratories (ISM)

ABSTRACT (250 words or less):

Student usage of technology in their studies has increased exponentially over the years with the development of better devices such as laptops and smartphones. Decreases in prices for these devices have made technology within the grasp of more and more students every semester. Students utilize these devices to remain connected in multiple ways: checking email, keeping up to date on Moodle, emailing professors or collaborators for group projects, coordinating efforts on assignments, etc. The factor one forgets, however, is that these devices still require electrical power either directly or to charge onboard batteries to make them more mobile, and even newer lithium ion batteries have difficulty in keeping up with students' demand on these devices. This grant proposal is requesting support for enhancing and augmenting the available power outlets and adding charging stations in the lobby of Moody Hall. This proposal supports the University's values of collaboration, intellectual curiosity, and creativity and would have a substantial impact on the experience for all students from across multiple colleges and disciplines who utilize the lobby for collaboration or study time.

If funded, these upgrades would provide a way for students to remain active by keeping their devices powered on the entire day, and would have substantial impact on study time and assignments for many students from different colleges each semester by facilitating learning and collaboration even between classes or during any breaks the students may have without having to compete for outlets.

Purpose of Grant and Impact to Student Body as a Whole

Existing Issues and rationale

- The lobby has one outlet in which an open charging station is plugged (which allows a minimal number of phones to charge, but not laptops). In addition, the condition of the charging station is diminished due to the wear and tear which has resulted in several of the charger cables being broken and unusable. This charging station was originally funded and installed by SGA, and funding repairs or replacement using SGA funds would be moot since it does not accommodate laptop or notebook charging. Please see photo 1 below. These charging stations described herein would be a great benefit in this case. Two of the concrete seating alcoves in the lobby have one outlet allowing two devices each to be plugged in. In addition, there are six outlets on the wall closest to OK Allen hall, but all five of these outlets are well out of reach without a ladder. Relocation of the outlets will augment the power available for students to use to charge their personal devices. A safety factor is also present in that emergency communications are often sent by the university using push alerts to enrolled students. Funding this project will ensure that students' devices are always able to be charged and powered on to receive these communications in the event of a campus or city-wide emergency.
- The lack of a sufficient number of available outlets also hampers with other colleges' use of the lobby in Moody Hall. A number of recruiting and exhibition events are routinely scheduled in the Moody Hall lobby which require electrical outlets for displays and/or computers. Moody Hall has been historically a high-traffic area and a high-profile venue due to our connections to area businesses and also our connections to other colleges. Greater charging capacity supports the "BYOD" (Bring your own device) trend allowing increased mobility and learning time for students, and increased exposure to the public by allowing greater use of the Moody lobby for events outside of the Moody College of Business.



Photo 1: solitary electrical outlet indicated by blue star, potential outlet locations indicated by blue arrows.



Photo 2: Phone charging station presently located in the lobby of Moody Hall



Photo 3: blue arrows indicate outlets which are out of reach

Funding Objectives

- Allow students to keep their devices powered on, keeping them connected to university resources.
- Improve instructional quality and enrich student-learning experiences.

Proposed Lobby Enhancements

- Relocate existing power outlets to reachable levels in the lobby
- Add power charging stations in lobby to expand the capacity so more devices can be charged at the same time

Projected Lifetime of Enhancement

- Charging stations: Expected to have a five-year life span.

Responsibilities

The person responsible for implementation and oversight of this project is the MCOBA ISM Manager.

- a. Implementation
MCOBA ISM
- b. Installation
University of Louisiana at Lafayette facilities electricians for electrical work required; MCOBA ISM will install the charging stations
- c. Maintenance
MCOBA ISM will provide ongoing maintenance and will troubleshoot any problems that may occur.
- d. Operation
MCOBA ISM
- e. Training (with qualifications)
No training is required for use of charging stations.

Budget Proposal

1. Equipment	\$6,294.00 (Power towers)
2. Software	\$0
3. Supplies	\$0
4. Maintenance	\$0
5. Personnel	\$0
6. Other	\$6,000 (electrical work in lobby)
TOTAL:	\$12, 294.00

Budget Details

Quote from General Office Supply:

Joel Faulk, Furniture Sales / Project Manager



(Cell) 337-781-8882 / (Office) 337-237-2563
3045 W. Pinhook – Lafayette, LA 70508

QUOTE - OFS POWER TOWER

1/8/2020

Page 1 of 1

Qty	Part Number	Part Description	List:	Sell Price	Extended
6	PS-96S	Power Supply (Silver), Free Standing Power Tower with (12) Power Outlets, (3) USB Charging Ports, (3) USB-C Charging Ports, 9' Cord	\$2,077.00	\$1,049.00	\$6,294.00



Delivery & Installation Included

3 Week Delivery

Valid Through 3/8/20

TAX NOT INCLUDED

List: \$12,462.00

Total: \$6,294.00



Quote from facilities is a verbal estimation by Larry Guillot with the UL facilities management electrical department.

Timeline/Implementation Schedule

- Spring 2020 – Place order for project
- Spring 2020 / Summer 2020 – Installation and implementation

Previously Funded STEP Projects

- *Expansion of Digital Signage*. Fall 2015. Nadine Bayard.
- *FGM 207 Interactive Classroom Enhancement*. Fall 2016. Nadine Prendergast.
- *Financial Services & Business Research Lab*. Fall 2016. Nadine Prendergast.
- *FGM 102 & 214 Interactive Classroom Enhancement*. Fall 2017. Nadine Prendergast, Mohammed Zubair.
- *FGM 215 Interactive Classroom Enhancement*. Spring 2018. Nadine Prendergast, Sara Casiday.
- *FGM 208 Active Learning Classroom Enhancement*. Spring 2019. Phuc Tran, Daniel Hulin, Dr. Lise Anne Slatten and Heather DeValcourt.
- *FGM 204 Interactive Classroom Enhancement*. Fall 2019. Heather DeValcourt and Dr. Lise Anne Slatten