

10/6/17

20

1

MTSU Clean Energy Initiative Project Funding Request

There are five (5) sections of the request to complete before submitting.

1. General Information	
Name of Person Submitting Request : RAY WILEY	
Department/Office Building Services	Phone # (Office) 898-5071
MTSU Box #	Phone # (Cell)
E-mail: RAY.WILEY@MTSU.EDU	Submittal Date: 10/06/17

2. Project Categories (Select One)			
Select the category that best describes the project.			
<input checked="" type="checkbox"/>	Energy Conservation/Efficiency	<input type="checkbox"/>	Sustainable Design
<input type="checkbox"/>	Alternative Fuels	<input type="checkbox"/>	Other
<input type="checkbox"/>	Renewable Energy		

3. Project Information	
a. Please provide a brief descriptive title for the project.	
b. The project cost estimate is the expected cost of the project to be considered by the committee for approval, which may differ from the total project cost in the case of matching funding opportunities. Any funding request is a 'not-to-exceed' amount. Any proposed expenditure above the requested amount will require a resubmission.	
c. List the source of project cost estimates.	
3a. Project Title: STUDENT REC CENTER DANCE STUDIO #1 LIGHTING (Upstairs)	
3b. Project Cost Estimate: \$9,324.00	
3c. Source of Estimate: Equipment manufacturer and RSMeans estimating data.	

4. Project Description

(Completed in as much detail as possible.)

- a. The scope of the work to be accomplished is a detailed description of project activities.
- b. The benefit statement describes the advantages of the project as relates to the selected project category.
- c. The location of the project includes the name of the building, department, and/or specific location of where the project will be conducted on campus.
- d. List any departments you anticipate to be involved. Were any departments consulted in preparation of this request? Who? A listing may be attached to this form when submitted.
- e. Provide information for anticipated future operating and/or maintenance requirements occurring as a result of the proposed project.
- f. Provide any additional comments or information that may be pertinent to approval of the project funding request.

4a. Scope: Work to be accomplished:

Replace (47) 4 lamp at 32watt each, existing fixtures with (47) 36 watt Philips Lighting EVOKIT 2'X4'.

4b. Scope: Benefit Statement

The current fixtures utilize (4) 32 watt lamps totaling 128 watts per fixture (23 kWh annually). The life span for T-8 lamps is on average 12000 hours or 2 years with an anticipated annual usage of 6.1 kWh. The EVOKIT retrofit kit rates for 70000 hours.

4. Project Description (continued)
4c. Location of Project (Building, etc.) Student Rec Center Dance Studio #1 (Upstairs)
4d. Participants and Roles Building Services personnel to purchase and install.
4e. Future Operating and/or Maintenance Requirement It is the expectation Maintenance involvement will decrease from current requests. Anticipated life span is 6 years for fixtures.
4f. Additional Comments or Information Pertinent to the Proposed Project:

5. Project Performance Information

Provide information if applicable.

- a. Provide information on estimated annual energy savings stated in units such as kW, kWh, Btu, gallons, etc.
- b. Provide information on estimated annual energy cost savings in monetary terms.
- c. Provide information on any annual operating or other cost savings in monetary terms. Be specific.
- d. Provide information about any matching or supplementary funding opportunities that are available. Identify all sources and explain.

5a. Estimated Annual Energy Savings (Estimated in kW, kWh, Btu, etc.)

Estimated annual energy savings is 16.9 kWh

5b. Annual Energy COST Savings (\$)

Annual energy cost savings is \$2,335.92 for a ROI (Return on Investment) of 3.22 years or 38.6 months.

5c. Annual Operating or Other Cost Savings. Specify. Additional operating costs are unknown at this time. Future requests may be made pending the results.

5d. Matching or Supplementary Funding (Identify and Explain).

Unknown.