

Rec  
2/15/18

23 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 : SCOTT MARTINDALE	
Department/Office Building Services	Phone # (Office) 898-2877
MTSU Box # 32	Phone # (Cell)
E-mail: SCOTT.MARTINDALE@MTSU.EDU	Submittal Date: 02/15/18

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
<p>a. Please provide a brief descriptive title for the project.</p> <p>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.</p> <p>c. List the source of project cost estimates.</p>
3a. Project Title: LRC 221 <i>LIGHTING PROJECT</i>
3b. Project Cost Estimate: \$9,488.00
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 (125) 250w quartz halogen lamps with (125) PAR 38 32w lamps.

**4b. Scope: Benefit Statement**

The existing lamps have an anticipated lifespan of 1,250 hours. The LED lamps have an anticipated 60,000-hour lifespan. By changing technologies, students will have a brighter learning space with less interference from maintenance staff trying to re-lamp the space.

<b>4. Project Description (continued)</b>
<p data-bbox="237 254 846 289">4c. Location of Project (Building, etc.)</p> <p data-bbox="237 327 370 363">LRC 221</p>
<p data-bbox="237 516 656 552">4d. Participants and Roles</p> <p data-bbox="237 590 1073 625">Building Services personnel to purchase and install.</p>
<p data-bbox="237 999 1122 1035">4e. Future Operating and/or Maintenance Requirement</p> <p data-bbox="237 1073 1284 1150">It is the expectation Maintenance involvement will decrease from current requests. Anticipated life span is 6 years for lamps.</p>
<p data-bbox="237 1377 1312 1455">4f. Additional Comments or Information Pertinent to the Proposed Project:</p> <p data-bbox="237 1493 1333 1528">Four different colleges and thousands of students utilize this space.</p>

## 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 27.25 kWh

5b. Annual Energy COST Savings (\$)

Annual energy cost savings is \$8,529.00 for a ROI (Return on Investment) of 2 months.

5c. Annual Operating or Other Cost Savings. Specify. Anticipated annual operating costs, including electricity, is \$1,252.00. Additional operating costs are unknown at this time.

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

Unknown.