

Rec 9/30/13



MTSU Clean Energy Initiative Project Funding Request

There are five (5) sections of the request to complete before submitting. See <http://www.mtsu.edu/sga/cleanenergy.shtml> for funding guidelines. Save completed form and email to cee@mtsu.edu or mail to MTSU Box 57.

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

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> <p>d. Provide a brief explanation in response to question regarding previous funding.</p>
<p>3a. Project Title</p> <p>Replacing BDA windows with Energy Efficient windows</p>
<p>3b. Project Cost Estimate</p> <p>4000.00 per window, 39 windows, = \$156,000 (or any part thereof)</p>

3c. Source of Estimate

Victor Nixon, Doc's Glass Service, Inc.

3d. If previous funding from this source was awarded, explain how this request differs?

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 specific information on anticipated student involvement or benefit.
- f. Provide information for anticipated future operating and/or maintenance requirements occurring as a result of the proposed project.
- g. Provide any additional comments or information that may be pertinent to approval of the project funding request.

4a. Scope: Work to be accomplished

With this project we hope to have all of the windows in Boutwell Dramatic Arts building replaced with double paned windows.

4b. Scope: Benefit Statement

The windows that are currently installed are single paned windows and they have large gaps between the individual sliding panes. Our goal is to have double paned windows that will keep nature out while keeping heating and air conditioning inside.

4. Project Description (continued)

4c. Location of Project (Building, etc.)

Boutwell Dramatic Arts

4d. Participants and Roles

Justin Durham - Information gatherer for estimator and grant writer.

4e. Student participation and/or student benefit

New windows will give faculty the opportunity to not run the heating and air conditioning units during class, creating a quieter learning environment. The units are currently running a large portion of the day in order to maintain a comfortable temperature. The gaps in the window panes often let in flying insects that have caused allergic reactions with students after being stung.

4f. Future Operating and/or Maintenance Requirements

The new windows will not open, so there is less maintenance than sliding windows that require adjusting and closing. The new windows will also keep rain and bugs out of the building.

4g. Additional Comments or Information Pertinent to the Proposed Project

The total of \$156,000 is based on an estimate of \$4,000 per window section with a total of 39 window sections.

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.)

The savings would be substantial, but the actual amount is unknown and the process to gather the information would be very costly to the university. The windows that are currently installed are original to the building and are not energy efficient.

5b. Annual Energy COST Savings (\$)

The energy savings are prohibited due to the fact that individual buildings do not see monthly energy usage statistics.

5c. Annual Operating or Other Cost Savings. Specify. (\$)

The energy savings are prohibited due to the fact that individual buildings do not see monthly energy usage statistics.

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

No matching or supplementary funding available.