

Rec 2/13/15

2

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	
Name of Person Submitting Request Shelia Knight	
Department/Office EH&S	Phone # (Office) 615-494-8708
MTSU Box # 32	Phone # (Cell) 931-787-2494
E-mail shelia.knight@mtsu.edu	Submittal Date 2/13/15

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

3. Project Information
<ul style="list-style-type: none"> 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. d. Provide a brief explanation in response to question regarding previous funding.
3a. Project Title Tree Planting
3b. Project Cost Estimate \$2300.00
3c. Source of Estimate vendor estimate
3d. If previous funding from this source was awarded, explain how this request differs? n/a

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

The scope of this project is to plant 20 trees on campus. We would like to replace trees that have died or been damaged in storms. We would like to purchase trees of a large caliper and quality so that they have more likelihood of surviving. Grounds will help locate areas where these trees are needed.

4b. Scope: Benefit Statement

The trees are a benefit to the campus community in many ways. The trees provide shade, beauty, evapotranspiration, stormwater runoff reduction and many other benefits. Planting the right tree in the right place can provide wind protection, shade, cool air and wildlife habitat to the landscape. The trees absorb rain water in their leaves and also through their roots. Water that is absorbed does not runoff into the drainage ditches. Tree buffers along ditches can also filter pollutants and reduce runoff. MTSU is required to clean a portion of our stormwater runoff. Trees can help us meet our state permit requirements by reducing the amount of runoff and helping clean it.

4. Project Description (continued)
<p>4c. Location of Project (Building, etc.) Multiple sites around campus.</p>
<p>4d. Participants and Roles Environmental Health and Safety, Grounds Services and Greenhouse</p>
<p>4e. Student participation and/or student benefit Instances during this project that we can use student volunteers will be used as well as faculty partners.</p>
<p>4f. Future Operating and/or Maintenance Requirements Watering may be needed for the first year.</p>
<p>4g. Additional Comments or Information Pertinent to the Proposed Project Studies have shown that mature trees that shade a building can save up to 20% on energy bills in the summer time.</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.)

5b. Annual Energy COST Savings (\$)

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

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