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9/23/2020

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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 Jason Young	
Department/Office Grounds Services	Phone # (Office) 8316
MTSU Box # 32	Phone # (Cell) 615-533-4816
E-mail jason.young@mtsu.edu	Submittal Date 9-23-2020

2. Project Categories (Select One)	
Select the category that best describes the project.	
<input type="checkbox"/> Energy Conservation/Efficiency	<input type="checkbox"/> Sustainable Design
<input type="checkbox"/> Alternative Fuels	<input checked="" 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.	
d. Provide a brief explanation in response to question regarding previous funding.	
3a. Project Title	Tree Planting Project
3b. Project Cost Estimate	\$6,000
3c. Source of Estimate	Nashville Nursery/Grounds Services
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

There are several areas of campus that are in need of new trees. Over time, we have lost trees due to a variety of reasons and the scope of this project would be to replant trees around campus. Trees would be a variety such as Dogwoods, Redbuds, Serviceberries, Oaks, Maples, Elms, Crape Myrtles, etc. Grounds Services would provide the labor for the project. Trees cost anywhere from \$150-\$300 each depending on variety and size.

4b. Scope: Benefit Statement

The benefits of planting trees are numerous. Trees not only help clean Carbon from the air and provide Oxygen, they also help to cool parking lots by providing shade. Trees provide a canopy and make a great habitat for wildlife. Trees can be used as educational tools as well.

Another major impact of this tree planting would be to make our campus more beautiful for our current students and staff and will grow even more scenic in time for future generations to enjoy.

4. Project Description (continued)
4c. Location of Project (Building, etc.) Multiple areas of campus. Project could be split in two using \$3,000 for improving one area and \$3,000 for another.
4d. Participants and Roles Grounds Services would prep the areas and plant the trees. Student involvement with the planting process would be welcomed.
4e. Student participation and/or student benefit Students would be welcome during the planting process. Some of the environmental benefits for students and staff was mentioned in the benefit statement. In addition to those benefits, having a beautiful area on campus helps promote pride in the university. These trees would have beautiful blooms in the spring and colorful foliage in the fall. Evergreens provide nice color year round.
4f. Future Operating and/or Maintenance Requirements Very little to zero future costs involved. Watering the trees during the first year after they are planted would be the only significant maintenance requirement.
4g. 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.)

5b. Annual Energy COST Savings (\$)

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

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

Grounds Services would provide the labor costs associated with prepping the area, planting the trees, and watering the trees.