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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 Andrew C. Spicer	
Department/Office Students for Environmental Action	Phone # (Office)
MTSU Box #	Phone # (Cell) (615) 476-7965
E-mail acs6n@mtmail.mtsu.edu	Submittal Date 10/9/2015

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 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> <p>d. Provide a brief explanation in response to question regarding previous funding.</p>
3a. Project Title Pervious Pavement
3b. Project Cost Estimate \$16,300.00 (\$5 per sq ft, see 4a for price breakdown.)
3c. Source of Estimate MTSU Concrete Industry Management (Dr. Heather J. Brown, (615) 904-8060)

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

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

Removal of the existing pavement that makes up the 21 parking spaces between the McCallie Cafeteria and the Ned McWherter Learning Center and replacing it with "pervious pavement". Each parking spot is 9ft x 15.5ft for 139.5 sq ft. Multiply by 21 spaces for 2929.5 total sq ft. The rate given by Dr. Brown is \$5 per sq ft. which puts the price at \$14,647.50, plus a 10% installation fee of \$1,464.75, bringing the total to \$16,112.25. I rounded up to \$16,300 to account for any overages.

4b. Scope: Benefit Statement

After it rains large puddles of considerable depth remain for days in the McCallie lot making it a trial for anyone who parks there as they either have to step in the large puddles or leap from their vehicle to dry land. Additionally, these puddles are a receptacle for eroded sediment and runoff leaves. Replacing the existing pavement with pervious pavement would allow the water to drain, reduce the effects of erosion, make the lot more user friendly, and altogether make the campus more beautiful and enjoyable for the people who use it.

4. Project Description (continued)
4c. Location of Project (Building, etc.) Twenty-one parking spaces immediately south of the McCallie Cafeteria.
4d. Participants and Roles None required after installation.
4e. Student participation and/or student benefit Ability to park without stepping into puddles. Better water drainage. Reduced erosion and collected sediment/leaves. More beautiful campus.
4f. Future Operating and/or Maintenance Requirements None required after installation.
4g. Additional Comments or Information Pertinent to the Proposed Project A similar project was conducted on campus previously and by all accounts was a success.

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.) Not applicable.

5b. Annual Energy COST Savings (\$) Not applicable.

5c. Annual Operating or Other Cost Savings. Specify. (\$) Not applicable.

5d. Matching or Supplementary Funding (Identify and Explain) Not applicable.