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10/2/2020

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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 Zepher Barber, Students for Environmental Action	
Department/Office MTSU Dining Services	Phone # (Office) N/A
MTSU Box # 6778	Phone # (Cell) (615)484-0939
E-mail zeb2g@mtmail.mtsu.edu	Submittal Date October 2, 2020

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 Small-Scale Compost Collection Bin
3b. Project Cost Estimate \$5,000
3c. Source of Estimate Professors Samuel Haruna and Blake Whitman
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

1. Gathering students from interdisciplinary majors to collaborate and build the compost bin by the beginning of the Spring 2021 semester.
2. Installation of the collection system onto concrete slab in Student Union loading dock

4b. Scope: Benefit Statement

Composting has the following benefits: enriches soil for better plant growth, reduces need for chemical fertilizers; reduces methane emissions from landfills; provides CO₂ sequestration; remediates soils that have become degraded or even contaminated.

4. Project Description (continued)
<p>4c. Location of Project (Building, etc.) Student Union Building</p>
<p>4d. Participants and Roles MTSU Dining Services workers will be trained by Dr. Nate Phillips on how to manage the compost system correctly.</p>
<p>4e. Student participation and/or student benefit Learning Gardens are a great way to get communities involved in and learning about gardening and creating a sustainable food system. Our teaching garden will be open to all MTSU students, faculty, and staff. Also excess food from the garden will be donated to local organizations that combat food insecurity.</p>
<p>4f. Future Operating and/or Maintenance Requirements Likely a truck and several shovels will be needed to move the finished compost to other locations. If wood is used, the collection bin will likely need to be replaced every 5-7 years.</p>
<p>4g. Additional Comments or Information Pertinent to the Proposed Project</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)

Linda Hardymon

From: Zepher Barber
Sent: Friday, October 02, 2020 9:24 AM
To: Center for Energy Efficiency
Subject: Sustainable Campus Fund Submission: Compost Collection Bin
Attachments: Comp_Collection_SCF_Proposal.pdf

Good morning,

I am submitting a Sustainable Campus Fund Proposal to receive funding for the materials needed to build a compost collection bin in the back of the Student Union Building. MT Dining Services previously sent the CEE an unfinished proposal for two composting bins, but I have been informed that MT Dining currently has bins that can be repurposed for composting. If there is any supplementary information needed for this submission, please let me know, and I will provide it as soon as possible.

Thank you,

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Categories: Green Category

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