

Rec 10/3/14

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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 Brandon Lewis	
Department/Office Students for Environmental Action	Phone # (Office)
MTSU Box #	Phone # (Cell) 615-938-0953
E-mail mtsu.sea@gmail.com	Submittal Date 10/3/2014

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 BigBelly Solar Compactor Pilot Program
3b. Project Cost Estimate \$29,848
3c. Source of Estimate BigBelly Solar, inc.
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

If the project were to be approved, we would have to meet with two representatives for Big Belly Solar and discuss when the compactors would be shipped, and where the compactors will be placed to be most beneficial. The shipping and installation is included in the price estimate, as well as insurance for the compactors in case something were to go wrong. After the Compactors are installed, the bins would have to be emptied out by Custodial Services on a fairly regular basis. There is also a separate non-compactor recycling option available with the project if that is an option that would be plausible.

4b. Scope: Benefit Statement

This Project would benefit the MTSU community because it is a very visible environmentally friendly solution to a problem on MTSU's campus, trash overflow. If we were to put these compactors in areas of high waste traffic, it would not only help beautify campus, but relieve pressure off of the shoulders of custodial services because they would not have to do trash pick-up as often. If the recycling option is available, it would make for more visible and easy recycling outside,

4. Project Description (continued)
<p>4c. Location of Project (Building, etc.)</p> <p>The compactors will be located in areas of high waste traffic on campus (KUC, Student Union, BAS, etc.</p>
<p>4d. Participants and Roles</p> <p>Custodial services will be in charge of pick-up. If the recycling option is available and plausible, MTSU Recycles will be in charge of pick-up for recyclables.</p>
<p>4e. Student participation and/or student benefit</p> <p>Students will get the impression that their campus is environmentally conscious. Students would also have a great place to advertise on the facades of the compactors.</p>
<p>4f. Future Operating and/or Maintenance Requirements</p> <p>The compactors have technology installed in them that detail when it is reaching capacity, and there is smart phone software that comes with the compactors that can relay this information to Custodial services. This software also notifies custodial services on when the compactors are in need of repair, what needs to be repaired, and how to repair it.</p>
<p>4g. Additional Comments or Information Pertinent to the Proposed Project</p> <p>This Project is just a pilot program, it is proven to be successful, more compactors will be added in the future.</p>

5. Project Performance Information
<p>Provide information if applicable.</p> <ol style="list-style-type: none"> Provide information on estimated annual energy savings stated in units such as kW, kWh, Btu, gallons, etc. Provide information on estimated annual energy cost savings in monetary terms. Provide information on any annual operating or other cost savings in monetary terms. Be specific. Provide information about any matching or supplementary funding opportunities that are available. Identify all sources and explain.
<p>5a. Estimated Annual Energy Savings (Estimated in kW, kWh, Btu, etc.)</p> <p>Less frequent pick-ups, therefore less fuel costs.</p>
<p>5b. Annual Energy COST Savings (\$)</p> <p>N/A</p>
<p>5c. Annual Operating or Other Cost Savings. Specify. (\$)</p> <p>N/A</p>
<p>5d. Matching or Supplementary Funding (Identify and Explain)</p> <p>N/A</p>