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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 Medha S. Sarkar	
Department/Office Computer Science	Phone # (Office) 615-898-2397
MTSU Box # 48	Phone # (Cell)
E-mail Medha.Sarkar@mtsu.edu	Submittal Date 9/26/2019

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 KOM Third Floor Student Bottled Water Refill Station
3b. Project Cost Estimate \$1100 for single Elkay unit; \$1600 for installation by Facilities Service Personnel. Total \$2700
3c. Source of Estimate Ms. Linda Hardymon in the Center for Energy Efficiency
3d. If previous funding from this source was awarded, explain how this request differs?

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 work to be accomplished would include removing an outdated and low-functioning water fountain. The wall behind the old fountain will need to be patched, painted and prepared for installing the new water bottle filling station. Minimal plumbing alterations will be necessary to make adjustments for efficient functioning of the new unit.

4b. Scope: Benefit Statement

This water bottle filling station in this high student traffic area would be a very attractive and beneficial addition to this campus location. This environmentally friendly project will reduce plastic waste while also reducing student expenditures on bottled water. By design, they are more sanitary than the old model water fountain, thus providing better health benefits.

4. Project Description (continued)
<p>4c. Location of Project (Building, etc.) The desired location is the third floor of KOM replacing the old one. It is presently located on the wall opposite and between the women's and men's restrooms. It would be highly visible to a high volume students frequenting the University Computer Science Labs (3 lab area rooms), the Computer Science main office, numerous classrooms and several math and computer science faculty offices.</p>
<p>4d. Participants and Roles Staff in the Center for Energy Efficiency will manage and direct steps that are necessary to purchase and install the new system while removing and disposing the old fountain.</p>
<p>4e. Student participation and/or student benefit A high volume of students will have daily access to water that is high quality rivaling what they would purchase ordinarily in plastic bottles. This step minimizes plastic waste while saving them from the expenditure related to this product.</p>
<p>4f. Future Operating and/or Maintenance Requirements The water filling station will have to undergo the same type of maintenance prescribed for similar campus stations based on manufacturers recommendations.</p>
<p>4g. Additional Comments or Information Pertinent to the Proposed Project</p>

5. Project Performance Information
<p>Provide information if applicable.</p> <ul style="list-style-type: none"> 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.
<p>5a. Estimated Annual Energy Savings (Estimated in kW, kWh, Btu, etc.)</p> <p>None</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>