

Rec  
9/26/24

28

1

## 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](mailto:cee@mtsu.edu) or mail to MTSU Box 57.

1. General Information	
Name of Person Submitting Request Terri Carlton	
Department/Office Construction & Renovation Services	Phone # (Office) 615-898-5382
MTSU Box # 32	Phone # (Cell) 615-202-4787
E-mail <a href="mailto:terri.carlton@mtsu.edu">terri.carlton@mtsu.edu</a>	Submittal Date 9-26-24

2. Project Categories (Select One)	
Select the category that best describes the project.	
<input checked="" type="checkbox"/> Energy Conservation/Efficiency	<input type="checkbox"/> Sustainable Design
<input checked="" 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. <b>Any funding request is a 'not-to-exceed' amount. Any proposed expenditure above the requested amount will require a resubmission.</b></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	Electric utility cart
3b. Project Cost Estimate	\$18,896
3c. Source of Estimate	Manufacturer estimate + delivery fees
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**

Purchase and put into daily use an electric utility cart in lieu of the gas powered 2005 Chevy Impala 4-door sedans that are currently available for our departmental needs.

##### **4b. Scope: Benefit Statement**

Construction/Renovation Services has four staff members who manage projects all across campus. This requires regular trips to various campus buildings to meet customers, work with contractors, attend progress meetings, deliver materials, etc. Use of our 2005 Chevy Impala 4-door sedans is acceptable, but is problematic when moving bulky items or when traveling to multiple projects. An electric utility cart will provide the solution for both of these needs.

<b>4. Project Description (continued)</b>
<b>4c. Location of Project (Building, etc.)</b>  Haynes-Turner Building inside the Holmes Maintenance Complex.
<b>4d. Participants and Roles</b>  Construction/Renovation Services department will work with MTSU Motor Pool to specify and procure the electric utility cart.
<b>4e. Student participation and/or student benefit</b>  Construction/Renovation Services employs students on a year-round basis. Students regularly use the 4-door sedans for site visits. This cart would provide another option for their use.  For the broader student population, use of a small electric cart will be quieter, cleaner, and safer.
<b>4f. Future Operating and/or Maintenance Requirements</b> Electric carts require minimal maintenance. The batteries are warrantied for 5 years.
<b>4g. Additional Comments or Information Pertinent to the Proposed Project</b>  We anticipate the electric utility cart to be used daily for many, many years.

### 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.)

Estimated savings are 300 - 400 gallons of unleaded gasoline per year.

5b. Annual Energy COST Savings (\$)

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

Yearly operating costs are increasing each year. The last two years were approximately \$800 - \$900 per year maintenance cost by MTSU Motor Pool for the 2005 Chevy Impala.

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