

Lee
9/7/23

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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 Ray Wiley	
Department/Office Campus Recreation	Phone # (Office) 615-898-5701
MTSU Box # 556	Phone # (Cell) 615-785-7805
E-mail ray.wiley@mtsu.edu	Submittal Date 9/7/23

2. Project Categories (Select One)	
Select the category that best describes the project.	
<input checked="" 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	
a. Please provide a brief descriptive title for the project. 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. c. List the source of project cost estimates. d. Provide a brief explanation in response to question regarding previous funding.	
3a. Project Title	Commercial dryer replacement project - 2 dryers
3b. Project Cost Estimate	\$17,314.00
3c. Source of Estimate	REM Company, Inc.
3d. If previous funding from this source was awarded, explain how this request differs?	Completely different product from same company.

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

We need to replace our current facility dryers which are 28 years old with a more energy efficient model that will save our staff work time and our department money. Old products will need to be removed and these new models will need to be installed and properly programmed for our specific needs.

4b. Scope: Benefit Statement

These new energy efficient dryers will save us both money and time because they are equipped with the latest technology that includes moisture sensing optidry piece that helps prevent over drying which will allow our shower towels, jerseys, and micro fiber cleaning towels to last approximately 25% longer and reduce labor cost between 45 and 50%.

<p>4. Project Description (continued)</p>
<p>4c. Location of Project (Building, etc.) Laundry area behind our equipment desk at Campus Recreation.</p>
<p>4d. Participants and Roles Ray Wiley-Project manager #5701 Micah Reiss- Installation facilitator #7892</p>
<p>4e. Student participation and/or student benefit The facility student staff who wash and dry the laundry at Campus Recreation will benefit by being able to wash and dry items faster due to the shorter time frame that it takes for these items to dry. The UW75 Fast Dry model's boosted energy and airflow delivers 200% faster than conventional units.</p>
<p>4f. Future Operating and/or Maintenance Requirements These machines help reduce downtime by receiving automatic reminders of daily, weekly, and monthly maintenance schedules, while machine errors are recorded by date and time for quicker diagnosis and repairs.</p>
<p>4g. Additional Comments or Information Pertinent to the Proposed Project Our department at Campus Recreation continues to look for ways to become more energy efficient and reduce our operational cost. i.e. installing LED lights, water drinking stations, VFD'S throughout our facility</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.)

Projections are estimated to be \$63.67 savings in annual CF usage.

5b. Annual Energy COST Savings (\$)

These products will save us an estimated \$133.00 annually.

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

We should save approximately 5 hours per week in facility operations staff cost which would equal a savings of \$2,700.00 annually.

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

N/A

Linda Hardymon

From: Ray Wiley
Sent: Thursday, September 7, 2023 3:44 PM
To: Linda Hardymon
Subject: Dryers

Categories: Green Category

Good afternoon Linda,
The estimate I gave for the dryers is for two of them . I don't think I listed that but this price would actually replace both of our units.
Best, Ray

Ray Wiley
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Associate Director
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Murfreesboro, TN 37132
615-898-2104



I AM *true*
BLUE

MIDDLE TENNESSEE STATE UNIVERSITY