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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 Benjamin A. Lynch on behalf of Ron Malone	
Department/Office Parking Service / Facilities Service	Phone # (Office) 615-898-2118
MTSU Box # 32	Phone # (Cell) 615-278-0250
E-mail blynch@mtsu.edu	Submittal Date 9/1/2024

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 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 Wireless Sensors	<i>Buildings - Freeze Detection</i>
3b. Project Cost Estimate	\$22,193.60
3c. Source of Estimate	Vendor Estimate
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 install Gateways, Unlock Code, Sensors and networking for
 Monoham
 Lyon Hall
 RH
 VET
 1301 E Main
 Davis Science Building
 Todd Hall
 Jones Hall
 Baseball Stadium
 TLC
 Horticulture
 McFarland Photography Building
 Jim Cummings
 Health
 CSB
 SCCH

\$402 Gateway, \$50.00 Unlock, \$600 Networking, \$209 Wireless Temp Sensor = \$1261.00 x 16= 20,176

4b. Scope: Benefit Statement

Provide accurate view into spaces with the building listed above to monitor elements for freeze detection and more.

4. Project Description (continued)
4c. Location of Project (Building, etc.) 1 - McFarland 2 - Student Union 3 - DSB 4 - Scarlett Commons Club House 5 - Jones Hall
4d. Participants and Roles
4e. Student participation and/or student benefit Lower Energy Cost
4f. Future Operating and/or Maintenance Requirements
4g. Additional Comments or Information Pertinent to the Proposed Project

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.)

Varies

5b. Annual Energy COST Savings (\$)

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

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

Linda Hardymon

From: Ben A. Lynch
Sent: Friday, September 27, 2024 2:26 PM
To: Linda Hardymon
Subject: Green Projects
Attachments: Monnit Sensors20k.pdf; ParkingGarage 2750.pdf; Part 1 - 45ElevatorSensors 11187.pdf; Part 2 - 45ElevatorSensors 11187.pdf

Good afternoon, Linda,

Here are the green projects I would like to submit for the Fall of 2024.

This is my list of priorities of the projects

- 1 Parking Garage – Ron Malone / Ben Lynch
- 2 Part 1 Elevator Water Detection
- 3 Monnit Sensors (Campus Wide)
- 4 Part 2 Elevator Water Detection, if not approved, will resubmit next year or seek an MP2.

The Monnit sensors in priority 3, they can be split and partially awarded.

Ben Lynch

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Engineering Services
Office: 615-898-2118
Mobile: 615-278-0250

I AM trueBLUE.

MIDDLE TENNESSEE STATE UNIVERSITY

For the most effective support with ITD Facilities Services concerns, I'd like you to please schedule a calendar invite on my updated Outlook Calendar. I appreciate your cooperation.