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10/2/14

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MTSU Clean Energy Initiative Project Funding Request

There are five (5) sections of the request to complete before submitting.

1. General Information	
Name of Person Submitting Request Jeff McConnell	
Department/Office Facilities Services	Phone # (Office)898.5883
MTSU Box # 0032	Phone # (Cell)
E-mail	Submittal Date 10/1/2014

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	<input type="checkbox"/>	

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.	
3a. Project Title: Data Loggers for Compressed Air System	
3b. Project Cost Estimate \$2000	
3c. Source of Estimate	
Supplier, in house labor for installation and collection of data	

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 information for anticipated future operating and/or maintenance requirements occurring as a result of the proposed project.
- f. Provide any additional comments or information that may be pertinent to approval of the project funding request.

4a. Scope: Work to be accomplished

Compressed Air System

As the new Science building comes to life the support systems use campus utilities. To develop a base line of use for compressed air costs, data loggers for power consumption can be used to provide operating procedures to enhance energy savings for the Science building.

4b. Scope: Benefit Statement

Systems that use the most energy represent the greatest efficiency opportunities. Determining energy use by function – lighting, cooling, fan, heating, plug loads – can identify cost-effective efficiency projects

4. Project Description (continued)
<p data-bbox="240 239 846 275">4c. Location of Project (Building, etc.)</p> <p data-bbox="240 312 526 348">New Science Building</p>
<p data-bbox="240 501 656 537">4d. Participants and Roles</p> <p data-bbox="240 575 745 611">Facilities Technician: Installation labor</p> <p data-bbox="240 648 857 684">Facilities personnel/Student help: data collection</p> <p data-bbox="240 722 943 758">Facilities Engineer: data analysis and recommendations</p>
<p data-bbox="240 980 1131 1016">4e. Future Operating and/or Maintenance Requirements</p> <p data-bbox="240 1054 1312 1125">Facilities Technician: Removal of loggers and installation at new location for further observation.</p>
<p data-bbox="240 1358 1304 1430">4f. Additional Comments or Information Pertinent to the Proposed Project</p> <p data-bbox="282 1472 326 1507">n/a</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.)

5b. Annual Energy COST Savings (\$)

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

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

n/a