Rec 2/15/17

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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 2/15/2017

2. Project Categories (Select One)			
Select the category that best describes the project.			
x	Energy Conservation/Efficiency		Sustainable Design
	Alternative Fuels		Other
	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.
3a. Project Title: New Science Bldg Lab Hood Air Valve Airflow Optimization Phase I
3b. Project Cost Estimate $14000 (Hourly rate not to exceed)
3c. Source of Estimate EOR

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

Supply air valves

Evaluate the minimum air valves settings to determine if they can be adjusted at lower settings to conserve energy at the building exhaust. Have the air valve contractor to adjust settings if allowed.

4b. Scope: Benefit Statement

The exhaust side of AHU will respond to the current minimum settings of the supply side. If the settings can be adjusted to a lesser value then the exhaust units will be able to reduce as well.

4. Project Description (continued)

4c. Location of Project (Building, etc.)

New Science Building

4d. Participants and Roles

Engineer of Record…evaluate drawings and TAB records

Engineering Services…facilitate study

Siemens Control (Hobbs)…program adjustments to valves

4e. Future Operating and/or Maintenance Requirements

Typical operations and maintenance of air valve through monitoring and outside controls contractor (Hobbs).

4f. Additional Comments or Information Pertinent to the Proposed Project

n/a

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