

Rec 10/5/18

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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 Brenda Wunder	
Department/Office Facilities Services/Custodial	Phone # (Office) 615-898-2309
MTSU Box # 32	Phone # (Cell) 615-330-1207
E-mail Brenda.Wunder@mtsu.edu	Submittal Date 10/05/2018

2. Project Categories (Select One)	
Select the category that best describes the project.	
<input type="checkbox"/> Energy Conservation/Efficiency	<input type="checkbox"/> Sustainable Design
<input type="checkbox"/> Alternative Fuels	<input checked="" type="checkbox"/> Other reusable product
<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. Any funding request is a 'not-to-exceed' amount. Any proposed expenditure above the requested amount will require a resubmission.</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 Microfiber Cleaning System
3b. Project Cost Estimate 1296.00
3c. Source of Estimate American Paper and Twine
3d. If previous funding from this source was awarded, explain how this request differs? N/A

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

The Custodial Services Department would like to begin a pilot program that would introduce the use of microfiber cloths as a part of the daily cleaning processes. The program would include three different colors of microfiber clothes to help reduce cross contamination by differentiating the area of use by color. Custodial Services would begin this program with a select number of Custodial employees as a pilot program with the possibility of the program reaching a larger scope in the future.

4b. Scope: Benefit Statement

The benefit of working with the microfiber cloths would be to cut down on paper waste and begin to use a product that can be washed and reused rather than a one time use. The microfiber clothes can be laundered up to 500 times per cloth. The busboy wipes currently in use are a 1 time use and they are not as absorbant as the actual cloths so cleaning up a spill or using to wipe off a wet counter in the restroom will take only one cloth where it might normally take two or three of the paper wipes. Not only does this reduce the amount of paper product being used but it also reduces the amount of paper being sent to the landfill. Our department is experiencing higher costs of paper products and would like to move foward with some more green cleaning initiatives.

4. Project Description (continued)
<p>4c. Location of Project (Building, etc.) MTSU Custodial Services assigned buildings throughout campus.</p>
<p>4d. Participants and Roles Custodial Services custodial staff will be the people using the cloths on a day to day basis. The Custodial Lead Worker and Supervisor will be in charge of laundering the cloths, training for the color system, monitoring the actual use of the cloths and administering a sign in process to insure the cloths are returned to the office for cleaning.</p>
<p>4e. Student participation and/or student benefit The student/campus benefit from this pilot program will be a reduced waste and a move toward additional green cleaning.</p>
<p>4f. Future Operating and/or Maintenance Requirements If the pilot program is successful, the only future costs would be to purchase more cloths and possibly move toward use another microfiber product such as floor care products.</p>
<p>4g. Additional Comments or Information Pertinent to the Proposed Project</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. (\$)

Each current busboy wipe used is costs .22 per wipe. The microfiber cloths can be used multiple times, are more absorbant, pick up more debris, and will not wind up in the landfill.

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

Custodial Services will provide the staff to launder the product and the tools (washer/dryer) and the laundry products (detergent, sanitizer).

Enter keyword or item #

PRODUCTS

MY ACCOUNT

MY LISTS

CARTRIDGE FINDER

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CHECKOUT

HOME / JANITORIAL & RESTROOM SUPPLIES / JANITORIAL TOOLS / RAGS / Rubbermaid HYGEN Microfiber Bathroom Cleaning Cloth

Rubbermaid HYGEN Microfiber Bathroom Cleaning Cloth

16" x 16" - Microfiber - Yellow

Item # 399728 MFG#: RCPQ6100YL00

\$37.08 ▾

Pack: 12/CS *Out of Stock*

12 Dozen



Zoom

- Color coded products help reduce cross contamination by differentiating area of use
- Durable up to 500 launderings
- Double-finished edges provide durability and shape retention

Color coded products help reduce cross contamination by differentiating area of use. Zig-zag scrubbing strips and high quality knitting for better absorption and debris pickup. Cleans 25% better than conventional microfiber and traditional cotton cloths. Hypoallergenic, lint-free, nonabrasive.

QUANTITY:

ADD TO CART

ADD TO MY LISTS

SPECIFICATIONS

Brand:	Rubbermaid Commercial Products
Product Type:	General Cleaner
Material:	MicroFiber
Color:	Yellow
Cleaner Type:	Cloth
Is Green:	Yes
UNSPSC:	47131502



Zoom

Rubbermaid® Commercial Microfiber Cleaning Cloths

Reusable Cleaning Cloths, Microfiber, 16 x 16, Green, 12/Carton

Item # 399731 MFG#: RCPQ620

\$47.40 ▾

Pack: 12 EA/CT Available

12 Dozen

- Color coded products help reduce cross contamination by differentiating area of use.
- Patent pending zig-zag scrubbing strips and high quality knitting for better absorption and debris pickup.
- Double-finished edges provide durability and shape retention.

Color coded products help reduce cross contamination by differentiating area of use. Patent pending zig-zag scrubbing strips and high quality knitting for better absorption and debris pickup. Double-finished edges provide durability and shape retention. Durable up to 500 launderings. Bleach safe. Hypoallergenic, lint-free, nonabrasive. Towel/Wipe Type: Microfiber; Application: General Purpose; Material(s): Microfiber; Color(s): Green.

QUANTITY: ADD TO CART **ADD TO MY LISTS**

SPECIFICATIONS

Brand:	Rubbermaid Commercial Products
Product Type:	Towels & Wipes-Washable Cleaning Cloth
Color:	Green
Material:	Microfiber
Is Green:	Yes
Green Information:	Packaging contains a minimum of 30% post-consumer recycled content.
UNSPSC:	47131502



Zoom

Rubbermaid HYGEN Microfiber Glass/Mirror Cloth

16" x 16" - Microfiber - Blue

Item # 399735 MFG#: RCPQ630CT

\$47.04

Pack: 1 EA/EA Available *6 Dozen*

- Dense 3-5 micrometer quality fiber removes more dust, dirt and microbes than conventional cleaning products
- Color coded products help reduce cross contamination by differentiating area of use
- Microfiber cloths feature double-finished edges for durability and shape retention

General purpose glass cloth is nonabrasive. Attracts and holds dust electrostatically. Absorbs up to seven times its own weight in liquid. Use dry or slightly damp. No chemicals needed. Color-coded for control of usage. Promotes Green Cleaning. Microfiber increases surface area to capture and retain more dirt, mold and allergens. Effectively clean while reducing water and chemical usage.

QUANTITY:

ADD TO CART

ADD TO MY LISTS

SPECIFICATIONS

Brand:	Rubbermaid Commercial Products
Product Type:	Glass / Mirror Cleaner
Color:	Blue
Material:	Microfiber
Cleaner Type:	Cloth
UNSPSC:	47131502