

FALL 2012 PROPOSAL

Thank you for your interest in the Student Green Energy Fund. Please fill out this form, which you can save to your computer. When you are ready to submit, please email the proposal by 5 pm on October 5th, 2012 to Shawna Neckar at shawneckar@usf.edu. You also have the option to include up to 10 MB of attachments to support your proposal.



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Proposal: Title Refill-A-Bull Hydration Stations Phase II

Organization: Facilities Management

Description (1,000 words)

Describe the project, including goals and objectives, methods to be used to assess the outcome of the project, and how the results of the project will be communicated to the USF community.

In an effort to reduce the footprint upon the environment by the population of USF, the project will replace existing water fountains with new combination fountain/bottle-filler units. Unlike previous installations on campus, these will provide not only drinking fountain service but also the ability to fill student/faculty/staff reusable water-bottles.

By doing so, we may reduce the number of bottles going to the landfill as well as the waste produced by the production and transport of water in disposable bottles and jugs. These new combination-units will be installed using assistants from students both from our project management and quality control areas. They will be monitoring our contractors' progress as these are installed. After completion of the project, these same students will update our list of units for submittal to the Office of Sustainability.

Our planned installation for this next phase is as follows:

- BSF
- CEE
- CGS
- CAM
- CIS
- FAS
- ISA
- NEC
- NTA
- SCA
- SVC
- MDH
- MDF
- MDT
- MHB
- WRB
- PED
- UPB

Amount Requested

The total amount of funding to complete the project

\$39,373

Budget Justification (1,000 words)

Detail all expenditures for the project, including a brief statement describing the nature and necessity of the expense.

For materials with 18 units to be installed, the total material cost would be \$23,364.

For labor, it will cost \$16,009 for a total of 18 units installed. These units require relocation of the piping in the wall and modification of the drain pipes.

Resource Matching (500 words)

Describe additional sources of funding that have been applied for and/or received for this project.

In-house masonry repair will be done with our masons, saving the project cash resources. Project management services will also be provided in house through use of student assistants.

Timeline & Milestones (500 words)

Provide a schedule for the project from start to finish, noting the general dates of major milestones and accomplishments.

- 1 month material acquisition – Order materials for install on November 21th, 2012.
- December 7th, 2012– start installation
- February 12th, 2013 – end installation

Evaluation Metrics (500 words)

Provide a plan describing how the project will be assessed for effectiveness, noting how each goal or objective will be evaluated.

The units will be surveyed on a monthly basis by student assistants, and they will be recording the number of 12 oz. bottles filled as determined by the bottle filler. A count of about 585 bottles saved from waste stream per bottle filled per month will be considered a success. At 0.00044 Barrels of Oil Equivalent (BOE) per 12 oz. bottle (including production, preparation, and transportation), we would be conserving 0.22 BOE per bottle filler per month.

Plan for Sustainability (500 words)

Describe how the project will be sustainable over the long term, including any institutional commitments received for assistance in maintaining the project after its completion.

Since the units are replacing existing coolers, the stations will not require any additional maintenance resources above current requirements.

Annual Energy Savings

31,135.1kWh