

# Proposal Details

## Zaida Darley

<b>Proposal Title:</b>	Refill-A-Bull Hydration Stations
<b>Organization:</b>	Facilities Management
<b>Description:</b>	In an effort to reduce the footprint upon the environment by the population of USF, this project will replace existing water fountains with brand new combination water fountain/bottle-filling stations unlike previous installations on campus which were retrofits. This will reduce the number of plastic bottles consumed, not only reducing energy required to produce and transport the bottles, but also reducing landfill waste. The units will be installed using assistants from students in project management and quality control in monitoring contractors' work. Once the units are installed, student assistants will continue to survey the units monthly to track the progress of the units. This will be communicated to the USF Community by the Office of Sustainability. Below are the planned locations of the units: • TAT 1 water fountain (located on ground floor) • THR 1 water fountain (located on ground floor) • FAD 2 water fountains (located on ground floor men's and ladies rooms) • MUS 1 water fountain (located on ground floor) • HMS 1 water fountain (located on ground floor) • MDC 4 water fountains -Room 1128 hallway, replace single unit w/bi-level -Room 1016 hallway, retrofit existing unit -Room 1029B inside gym, retrofit existing unit -Room 1209C exit of auditorium/hallway, replace single unit • FAO 1 water fountain • BSN 1 water fountain • FAH 3 water fountains
<b>Amount Requested:</b>	\$24,320.00
<b>Budget Justification:</b>	For materials, each units will cost \$960. With 15 units being planned, the total material cost would be \$14,400. For labor, it will cost \$9,922 for a total of 15 units installed. These units require relocation of the piping in the wall and modification of the drain pipes. The total amount is \$24,320
<b>Resource Matching:</b>	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.
<b>Timeline &amp; Milestones:</b>	• 1 month material acquisition – Order materials for install on April 1st • May 1st – start installation • August 1st – end installation
<b>Evaluation Metrics:</b>	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 500 bottles saved from waste stream per bottle filler 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.
<b>Plan for Sustainability:</b>	As units are replacing existing coolers, the stations will not require any additional maintenance resources above current requirements.
<b>Annual Energy Savings:</b>	26,611 kWh
<b>Annual Cost Savings:</b>	\$2,927.21
<b>Upload File:</b>	<a href="#">View File</a>

<b>Added By</b>	<b>Vote</b>
Stanley M. Kroh	Yes

Toufic Mounne	Yes
Mark Stewart	Yes
Margaret Rush rush@epchc.org	Yes
Susana Alvarado	Yes
<b>Added By</b>	<b>Comments</b>
Mark Stewart	A visible project that has the advaage of reminding everyone about the environmental advantages of not using bottled water. Some in-kind funding reduces the cost to the project. Continuing, visible return with low maintenance
Margaret Rush rush@epchc.org	Nice visable project. I am assuming current water fountains can not fill bottles very well. One thing to keep in mind, it is correct to claim that reducing bottles helps to reduce the waste stream, but keep in mind that Hillsborough County now burns over 95% of household garbage, so it would be incorrect to say you are reducing trash to the landfill.
Nainan Desai	I support this project due to its multi-factorial benefits.

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