PROJECT TITLE
Sustaining the Green Bikes Program

AMOUNT REQUESTED
$4980

PROPOSAL AUTHOR
Michael Stanfill

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GROUP/DEPARTMENT
Office of Sustainability

SUSTAINABILITY AREA
Energy, Transportation, Education and Curriculum, Social Sustainability.

PROPOSAL SUMMARY
This first year of the Green Bikes program has been incredibly successful. UAF now has 55 bicycles in its fleet, including one tandem. There has been unprecedented reception and interest by the student body in this program, and high gratitude from those who use it. The goal of this proposal is to supply a budget for the Green Bikes program to operate through the winter, with limited capital investments. This budget includes repair of non-winter bikes, operation of the Green Bikes winterized fleet and advertising.

TECHNICAL ADVISORS AND COLLABORATORS
Mark Oldmixon
Coordinator of Outdoor Adventures, mtoldmixon@alaska.edu, 907-474-6027

BUDGET DETAIL
Supplies:
Consumable Replacements: $1500
  This includes tires, tubes, brake pads, chains and other drive terrain components. These are parts that are designed to wear out and need regular replacement.

Non-consumable Replacements: $1000
  This includes handlebars, seat posts, seats, pedals, wheels and other bearing surfaces. These are parts that are generally not designed to wear out within the lifetime of the bicycle. Our policy is that if any of these non-wear and tear parts break during a student's use, that they are responsible for replacement. However, it is not possible to catch each instance.
Consumables and tools: $400
This includes grease, lubricants, oils, cleaners, wraps, cleaners and other consumable items involved in maintaining a bike fleet as well as providing products for the student-accessible bike shop.

Miscellaneous: $600
20 Helmets @ $30 each

Advertising/PR: $480
40 t-shirts @ $8 each
40 water bottles @ $4 each

BUDGET JUSTIFICATION
Supplies:
Since the first release on Earth Day this year, the entire bike fleet has been under heavy use. This use, an excellent measure of the popularity of the program, comes with expected costs. Despite having the fleet in operation for the nature of the time constraint between release intervals limits us on repair time we can spend on each bike. While all safety aspects are top priority and are attended to each time a bike comes in, keeping the bikes running at top efficiency is a secondary matter.

For this winter, all but fifteen bikes are coming back, which will allow us the opportunity to more closely look at the other forty. During this process, we will find parts that have been worn or damaged and needing replacement. It is difficult to predict what will be found and what the expense involved will be.

The second component of this proposal includes operation of the program for the next several months. Costs involved include purchasing of consumables such as grease and tools, running checkout events for the winterized fleet, and unforeseen costs of operating the fleet.

Miscellaneous:
When students check out a bicycle, they are required to either have their own helmet with them or to purchase one. 20 helmets would supply us for the upcoming winter releases.

Advertising/PR:
We are now looking into new ways to achieve adequate outreach to the student body. A budget of $480 will allow us to produce forty designed t-shirts that will be for resale, as well as forty water bottles (with a green bikes logo) to be given out during the next summer checkout event. To save money and maintain the goal of reducing the carbon footprint of the program, Michael Stanfill will do all design work. An environmentally friendly t-shirt printing and (if found) water bottle supplier service will be used.

PROJECT VALUE
Having the UAF Green Bikes program on campus will benefit every student involved. With the check out of each bike, there will be lowered fossil fuel emissions, less
vehicular congestion on roads and in parking lots, and a healthier student body.

Facilitating bicycle use over cars throughout the winter will lower the amount of carbon emissions by the University as a whole, which is one of the goals of the Sustainability Department. This will in turn alleviate parking congestion and will reduce the need to build new lots. As more and more students use bikes, we concurrently facilitate a healthier lifestyle with more physical activity.

**IMPLANTATION PLAN**
A Checkout event for the winterized fleet will occur on Saturday October 15th where 15 winterized bicycles will be handed out to students. From then and throughout the winter, the Green Bikes mechanics will work their way through the entire fleet of summer bicycles, carefully checking over each. Upon completion, all forty bicycles will be returned to the Green Bikes Connex container until next spring.

T-shirts and water bottle suppliers will be companies which Outdoor Adventures and the Sustainability Department has had previous business with. Michael Stanfill will do the design work with input from the RISE Board and students alike.

**QUALIFICATIONS AND EXPERIENCE**
The experience of the author is inclusive of working with the original authors of the Green Bikes Proposal to start up and continue the operation the Green Bikes program over the last eight months. I was hired under the original proposal as part of a team of employees designated to oversee operations and maintain the fleet of bikes. Working through the summer as the only Green Bikes employee, I have assumed the role of coordinator of UAF Green Bikes. Through my observations, and working directly with the students and employees involved in this program, I have identified the aforementioned items as being able to expand the UAF Green Bikes program to further enhance its sustainability goals.